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ANNUAL PLANNING INFORMATION

FY 1982

TENNESSEE AND BALANCE OF STATE

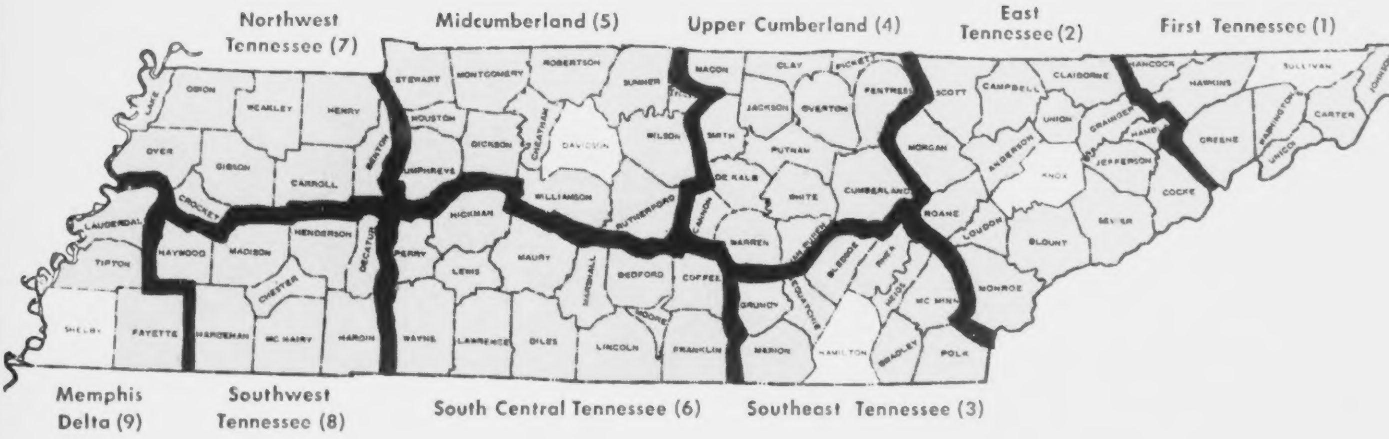
Lamar Alexander, Governor

Robert J. Bible, Commissioner

TENNESSEE AND BALANCE OF STATE

TENNESSEE

Planning and Development Regions


Northwest Tennessee (7)
Midcumberland (5)
Upper Cumberland (4)
East Tennessee (2)
First Tennessee (1)
Memphis Delta (9)
Southwest Tennessee (8)
South Central Tennessee (6)
Southeast Tennessee (3)
LAKE
OBION
WEAKLEY
HENRY
DYER
GIBSON
CARROLL
BENTON
CROCKETT
LAUDERDALE
TIPTON
HAYWOOD
MADISON
HENDERSON
DECATUR
CHESTER
SHELBY
FAYETTE
HARDEMAN
MC NAIRY
HARDIN
STEWART
MONTGOMERY
ROBERTSON
SUMNER
HOUSTON
DICKSON
CHEATHAM
DAVIDSON
WILSON
HUMPHREYS
WILLIAMSON
RUTHERFORD
HICKMAN
PERRY
LEWIS
MAURY
MARSHALL
BEDFORD
COFFEE
WAYNE
LAWRENCE
GILES
LINCOLN
MOORE
FRANKLIN
MACON
CLAY
PICKETT
FENTRESS
JACKSON
OVERTON
SMITH
PUTNAM
DE KALB
WHITE
CUMBERLAND
CANNON
WARREN
VAN BUREN
GRUNDY
MARION
SEQUATCHIE
BLEDSOE
RHEA
MEIGS
HAMILTON
BRADLEY
MC MINN
POLK
SCOTT
CAMPBELL
CLAIBORNE
MORGAN
UNION
ANDERSON
ROANE
KNOX
GRAINGER
HAMBLEN
JEFFERSON
LOUDON
BLOUNT
SEVIER
MONROE
COCKE
HANCOCK
HAWKINS
SULLIVAN
JOHNSON
WASHINGTON
CARTER
UNICOI
GREENE

NOTE: There are two Prime Sponsors located in Hamilton County. They are City of Chattanooga and Hamilton County.

☐ Prime Sponsor Area except Balance of State

▒ Balance of State Prime Sponsor

■ Planning and Development Regions

PREPARED BY:

Clyde Wilson
Manpower Specialist
Central Office

ANNUAL PLANNING INFORMATION

FOR

STATE OF TENNESSEE

CETA PRIME SPONSOR - BALANCE OF TENNESSEE

THE TENNESSEE PLANNING DISTRICTS

FISCAL YEAR 1982

Tennessee Department of Employment Security

Research and Statistics Section

Joe S. Cummings, Chief

In cooperation with the
U. S. Department of Labor
Employment and Training Administration

March 1981

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This publication has been prepared by the Labor Market Information unit of the Department of Employment Security's Research and Statistics section. We would like to thank all Prime Sponsor planners for their many valuable suggestions and recommendations. We invite all planners to call on us for any assistance we can provide as you prepare plans for 1982 and as needs arise throughout the planning year.

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INTRODUCTION

Annual Planning Reports (APRs) had their inception in the 1960s primarily to provide information for planning Employment Service (now Employment and Training) operated manpower programs. With passage of the Comprehensive Employment and Training Act (CETA) in late 1973, the need for an annual report summarizing demographic, economic and socioeconomic data for particular areas was made even more necessary. Delegating manpower planning decision making to local units of government created a demand for local data which for the most part would only be attainable through a complete census. For a time, 1970 census data sufficed, but with the passing of each year, that data became less useful. The tremendous economic downturn beginning in late 1973 and continuing through early 1975 made the 1970 census almost useless. Revised instructions for APRs issued in February 1976 provided methodologies for updating 1970 census information--particularly labor force data. This along with other innovations such as the Occupational Employment Statistics Program has created data sources previously available only through a multimillion dollar national census.

This year's API includes data and analyses on population, unemployment, industry employment and occupational employment. Also included are projections of the number of poor, economically disadvantaged and underutilized persons and a description of the characteristics of those who may be in need of manpower services (universe of need).

The first major portion of this report consists of data and analyses on the State and Balance of State (Prime Sponsor). The last half contains abbreviated reports on each planning area.

The inclusion of the planning districts in this report was in response to the Balance of State Prime Sponsor's need for more specific data about the different regions of the state. It was made possible in part by a grant from the Balance of State Prime Sponsor to Research and Statistics. So in addition to providing data which meet formal legislative requirements, this report will provide, on a substate basis, reliable estimates of the numbers and types of persons who will need manpower services.

This report is strictly intended to present data and analyses of data. These data and analyses it is hoped will provide manpower planners with sufficient information for the development of some conclusions pertaining to the reasons for the stature of those persons in need of manpower services. Planners must identify groups to be considered target groups and what types of programs or services would best serve the needs of those target groups. If at any time the Research and Statistics section may assist in any way we are at your service.

TENNESSEE AND BALANCE OF STATE

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I. HIGHLIGHTS AND CONCLUSIONS

The population of Tennessee should reach (and will probably exceed) 4,539,146 persons in fiscal year 1982. Women will make up 48.2 percent of that population. Tennessee's population is 84.0 percent white and 16.0 percent nonwhite. Over 99.0 percent of this nonwhite population is black.

The economic outlook for Tennessee shows stability or slight growth in fiscal year 1982. "Cautious pessimism" is still the by-word for the coming planning year. We believe even the long-term economic growth will be slight to moderate.

The labor force in Tennessee will swell to over 2,233,848--the largest in history. With such a large labor force, periods with over 172,000 unemployed persons are to be expected.

The total number of persons needing some type of manpower services will be approximately 723,000. Based on the 1970 census, 984,995 persons are economically disadvantaged in Tennessee; of this number, 59,009 are economically disadvantaged female heads of households.

The planning year 1982 will bring many uncertainties from the economy as well as the government itself. At present, we cannot fully know or understand what "pressures-to-bear" will come of the proposed budget cuts. This is a time to reexamine our programs and ourselves and serve the people of Tennessee as efficiently and productively as possible. Good luck and if we can help in any way please let us know.

II. DESCRIPTION OF AREA

Tennessee, consisting of 42,244 square miles, lies directly south of Kentucky and southwest of Virginia and spans a distance of 432 miles from North Carolina on the east to Arkansas and Missouri on the west. The southern side of the state borders Georgia, Alabama and Mississippi. Nationally, the state ranks 34th in land area and 18th in population. Tennessee borders eight states.

The regions of Tennessee are so distinct that they are often referred to as the three states of Tennessee. The eastern region, characterized by high mountains and thickly wooded foothills, is separated from the Cumberland Plateau to the west by the valley of the eastern portion of the Tennessee River and its tributaries. Middle Tennessee features gentle rolling hills and fertile bluegrass. A good deal of the state's industry is located in this region. West Tennessee is bordered by the Tennessee River on the east and the Mississippi River on the west. This area, in contrast to the eastern portion of the state, consists of flat, fertile land and is the agricultural center of the state.

The Annual Planning Information will include data for the State of Tennessee, and the Balance of State prime sponsor. The state is made up of 95 counties and 6 Standard Metropolitan Statistical Areas (SMSAs). Balance of State refers to 90 of Tennessee's 95 counties, excluding Davidson, Hamilton, Knox, Shelby and Sullivan. In this report the Balance of State if subdivided into nine planning or development districts: First, East, Southeast, Upper Cumberland, Mid-Cumberland, South Central, Northwest, Southwest, and Memphis Delta.

III. DEMOGRAPHIC DATA

A. State Population 1982 (Projection)

Tennessee has undergone and will continue to undergo a rapid population change. The population increase of over 615,000 persons in the past twelve years (from 3,923,783 to 4,539,146) is part of the nation's move to the "Sunbelt". The rural and suburban areas had the largest percentage increase in population.

The past 12 years have brought a higher percentage growth in the number of aged persons in Tennessee. This may be partly due to better health and living standards, but the primary reason is the returning of native Tennesseans. This influx of returning natives is causing a burden on the already swollen labor force in Tennessee.

Seventy to eighty percent of the health care now provided for the elderly comes from their adult children, but present population trends indicate fewer adult children to take on this responsibility in the coming decade.

At present, 15.5 percent of Tennessee's population is aged 60 or older, 41.0 percent is under 24 years of age, and 43.5 percent come from the 25 to 60 age group.

In just a few years, persons 65 and older will outnumber teenagers. By the year 2000, one person in eight will belong to this age group.

Whites made up 84 percent (3,811,682) of the projected population. The remaining 727,465 persons included 720,986 blacks (15.9 percent of the total population) and 0.1 percent other races. Women made up 51.8 percent (2,351,377) and men 48.2 percent of the total population.

Source: Lawrence Berkeley Population Projections
Tennessee Population: Trends and Implications

GRAPH I

Tennessee

1982 Population and Labor Force Projections by Race/Sex

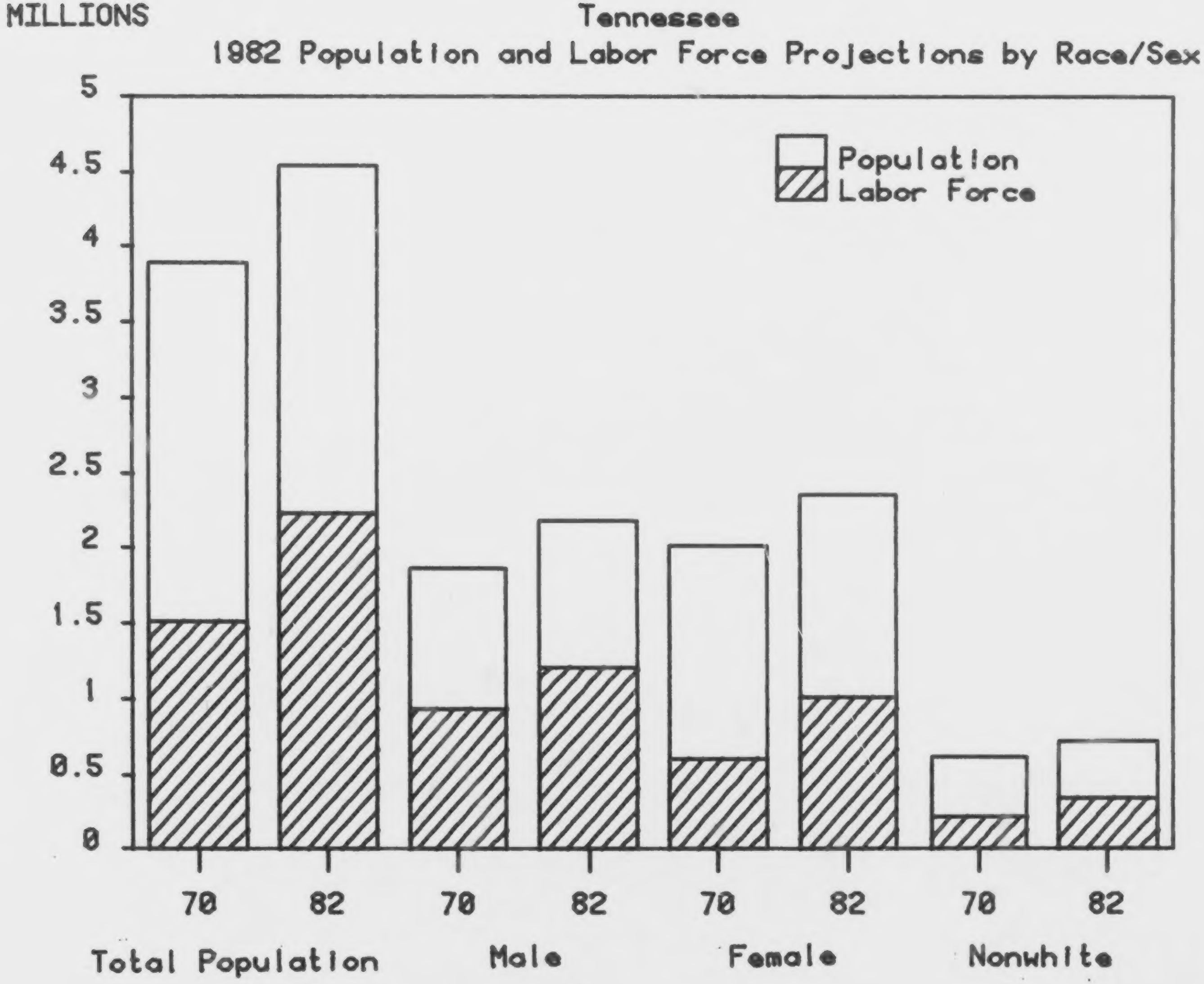


TABLE I

TENNESSEE

POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	345,702	267,786	77,401	514	175,973	169,729
5-9	340,730	273,098	67,092	539	172,680	168,050
10-14	369,508	304,592	64,431	485	186,942	182,566
15-19	423,801	333,614	89,620	567	212,021	211,780
20-24	386,193	302,830	82,568	795	198,747	187,447
25-29	364,628	304,036	60,101	491	191,348	173,280
30-34	355,692	309,903	45,286	503	170,589	185,103
35-39	300,415	266,385	33,447	584	145,650	154,765
40-44	252,404	223,342	28,564	499	119,322	133,083
45-49	234,848	206,873	27,588	387	109,046	125,802
50-54	235,893	207,654	27,855	385	109,911	125,982
55-59	227,556	201,572	25,796	189	105,296	122,260
60-64	197,345	173,829	23,342	174	88,592	108,753
65-69	175,647	151,354	24,170	123	77,235	98,412
70-74	138,702	119,790	18,828	84	58,407	80,295
75+	190,080	165,023	24,895	162	66,010	124,070
SPECIAL BREAKOUT						
14-15	158,662	127,641	30,810	210	79,793	78,869
16-19	339,041	266,891	71,696	454	169,617	169,424
19 & Under	1,479,741	1,179,090	298,545	2,105	747,615	732,125
20-21	154,477	121,132	33,027	318	79,499	74,979
22-44	1,504,856	1,285,365	216,939	2,553	746,157	758,699
45-54	470,742	414,527	55,443	772	218,957	251,784
55 & Over	929,331	811,568	117,032	731	395,540	533,790
TOTAL	4,539,146	3,811,682	720,986	6,479	2,187,769	2,351,377

TABLE IA

TENNESSEE

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	323,620	303,754	345,702	22,082	6.8
5-9	376,850	341,537	340,730	-36,123	-9.6
10-14	399,535	401,421	369,508	-30,027	-7.5
15-19	372,124	424,251	423,801	51,677	13.9
20-24	305,483	342,501	386,193	80,710	26.4
25-29	259,841	261,436	364,628	104,787	40.3
30-34	226,118	269,261	355,692	129,574	57.3
35-39	217,777	233,461	300,415	82,638	37.9
40-44	227,020	230,575	252,404	25,384	11.2
45-49	228,236	237,367	234,848	6,612	2.9
50-54	208,036	236,138	235,893	27,857	13.4
55-59	195,120	211,360	227,556	32,436	16.6
60-64	173,737	194,104	197,345	23,608	13.6
65-69	139,356	167,790	175,647	36,291	26.0
70-74	103,668	127,453	138,702	35,034	33.8
75+	142,068	170,281	190,080	48,012	33.8
TOTAL	3,898,589	4,152,690	4,539,146	640,557	16.4
Special Breakouts for 1982					
14-15			158,662		
16-19			339,041		
19 and Under			1,479,741		
20-21			154,477		
22-44			1,504,856		
45-54			470,742		
55 and Over			929,331		

TABLE IB

TENNESSEE

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	133,001	122,180	136,672	3,671	2.8
5-9	154,041	141,346	139,010	-15,031	-9.8
10-14	164,575	165,961	155,408	-9,167	-5.6
15-19	151,142	176,639	168,463	17,321	11.5
20-24	119,734	139,375	156,383	36,649	30.6
25-29	111,206	98,736	160,018	48,812	43.9
30-34	95,136	116,014	149,771	54,635	57.4
35-39	90,289	98,364	130,985	40,696	45.1
40-44	94,726	96,535	107,333	12,607	13.3
45-49	95,897	99,521	98,223	2,326	2.4
50-54	86,247	98,899	98,630	12,383	14.4
55-59	79,840	86,650	94,446	14,606	18.3
60-64	68,591	77,884	78,929	10,338	15.1
65-69	51,817	64,181	66,993	15,176	29.3
70-74	37,146	44,785	50,020	12,874	34.7
75+	47,208	53,356	56,369	9,161	19.4
TOTAL	1,580,596	1,680,426	1,847,653	267,057	16.9

Special Breakouts for 1982

14-15	64,774
16-19	134,770
19 and Under	599,554
20-21	62,553
22-44	641,936
45-54	196,853
55 and Over	346,757

TABLE IC

TENNESSEE

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	126,976	116,211	131,114	4,138	3.3
5-9	148,121	135,041	134,088	-14,033	-9.5
10-14	154,856	158,949	149,184	-5,672	-3.7
15-19	150,357	165,407	165,151	14,794	9.8
20-24	139,538	143,206	146,447	6,909	4.9
25-29	115,304	125,132	144,019	28,715	24.9
30-34	101,573	121,460	160,132	58,559	57.7
35-39	98,592	106,785	135,400	36,808	37.3
40-44	102,144	104,902	116,009	13,865	13.6
45-49	103,380	107,625	108,650	5,270	5.1
50-54	94,129	108,586	109,024	14,895	15.8
55-59	88,068	97,935	107,126	19,058	21.6
60-64	80,024	90,732	94,900	14,876	18.6
65-69	65,945	80,955	84,361	18,416	27.9
70-74	50,390	63,679	69,770	19,380	38.5
75+	74,379	92,074	108,654	34,275	46.1
TOTAL	1,693,776	1,818,679	1,964,029	270,253	16.0

Special Breakouts for 1982

14-15	62,867
16-19	132,121
19 and Under	579,537
20-21	58,579
22-44	643,429
45-54	217,674
55 and Over	464,811

TABLE ID

TENNESSEE

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCNT CHANGE 1970-82
0-4	31,639	32,768	39,041	7,402	23.4
5-9	37,295	32,369	33,401	-3,894	-10.4
10-14	39,582	38,237	31,303	-8,279	-20.9
15-19	34,030	40,269	43,280	9,250	27.2
20-24	20,355	27,662	41,942	21,587	106.0
25-29	14,719	16,359	31,033	16,314	110.8
30-34	12,557	13,432	20,570	8,013	63.8
35-39	11,833	11,759	14,404	2,571	21.7
40-44	12,863	11,861	11,795	-1,068	-8.3
45-49	13,059	12,765	10,682	-2,377	-18.2
50-54	12,492	12,775	11,166	-1,326	-10.6
55-59	12,126	11,898	10,766	-1,360	-11.2
60-64	11,345	10,973	9,599	-1,746	-15.4
65-69	9,360	9,800	10,171	811	8.7
70-74	6,911	7,777	8,347	1,436	20.8
75+	9,016	9,966	9,586	570	6.3
TOTAL	289,182	300,668	337,086	47,904	16.6

Special Breakouts for 1982

14-15	14,917
16-19	34,624
19 and Under	147,026
20-21	16,777
22-44	102,967
45-54	21,848
55 and Over	48,469

TABLE IE

TENNESSEE

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	31,529	32,060	38,360	6,831	21.7
5-9	36,976	32,295	33,692	-3,284	-8.9
10-14	40,092	37,847	33,128	-6,964	-17.4
15-19	36,215	41,430	46,340	10,125	28.0
20-24	25,198	31,642	40,627	15,429	61.2
25-29	18,410	20,700	29,068	10,658	57.9
30-34	16,250	17,699	24,716	8,466	52.1
35-39	16,665	16,066	19,043	2,378	14.3
40-44	16,881	16,876	16,768	-113	-.7
45-49	15,689	17,049	16,906	1,217	7.8
50-54	14,965	15,671	16,689	1,724	11.5
55-59	14,946	14,680	15,030	84	.6
60-64	13,666	14,385	13,744	78	.6
65-69	12,108	12,754	14,000	1,892	15.6
70-74	8,582	11,100	10,481	1,899	22.1
75+	11,311	14,711	15,308	3,997	35.3
TOTAL	329,483	346,965	383,899	54,416	16.5

Special Breakouts for 1982

14-15	15,893
16-19	37,072
19 and Under	151,519
20-21	16,251
22-44	113,972
45-54	33,595
55 and Over	68,563

TABLE IF

TENNESSEE

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	233	270	259	26	11.2
5-9	208	238	268	60	28.8
10-14	234	213	231	-3	-1.3
15-19	213	276	278	65	30.5
20-24	308	345	422	114	37.0
25-29	373	237	298	-75	-20.1
30-34	272	318	248	-24	-8.8
35-39	156	194	262	106	67.9
40-44	133	156	194	61	45.9
45-49	102	132	141	39	38.2
50-54	84	100	115	31	36.9
55-59	85	80	84	-1	0
60-64	54	77	64	10	18.5
65-69	49	47	71	22	44.9
70-74	36	41	40	4	11.1
75+	65	62	55	-10	-15.4
TOTAL	2,605	2,786	3,029	424	16.3

Special Breakouts for 1982

14-15	102
16-19	222
19 and Under	1,036
20-21	169
22-44	1,254
45-54	256
55 and Over	314

TABLE IG

TENNESSEE

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	242	265	255	13	5.4
5-9	209	248	271	62	29.7
10-14	196	214	254	58	29.6
15-19	167	230	290	123	73.6
20-24	350	271	373	23	6.6
25-29	369	272	193	-176	-47.7
30-34	330	338	255	-75	-22.7
35-39	242	293	322	80	33.1
40-44	273	245	305	32	11.7
45-49	109	275	246	137	125.7
50-54	119	109	270	151	126.9
55-59	55	117	104	49	89.1
60-64	57	53	109	52	91.2
65-69	77	53	52	-25	-32.5
70-74	63	71	44	-19	-30.2
75+	89	112	108	19	21.3
TOTAL	2,947	3,166	3,449	502	17.0

Special Breakouts for 1982

14-15	109
16-19	232
19 and Under	1,070
20-21	149
22-44	1,299
45-54	515
55 and Over	416

III. DEMOGRAPHIC DATA

B. Balance of State Population 1982

The Balance of State area has undergone a 21.0 percent population increase. From 1970 (2,095,077) to 1982 (2,536,015) the population increased 440,938 persons. Much of this increase is accounted for by the population shift to suburban and rural areas. Most persons list taxes and crime rates as their main reason for leaving large metropolitan areas.

Whites make up a much higher percentage of persons in the Balance of State area (91.1 percent) than they do in the State as a whole (84 percent). By 1981, we expect 2,311,608 white persons, 222,732 (8.78 percent) blacks and less than .01 percent persons of other races in the Balance of State area. Women make up 51.2 percent (1,298,551) of the total population.

A projected 16.3 percent (412,959) of the Balance of State's population will be 60 years of age and older in 1982. Persons 24 and under will make up 41.2 percent of the total population.

GRAPH II

Balance of State

1982 Population and Labor Force Projections by Race/Sex

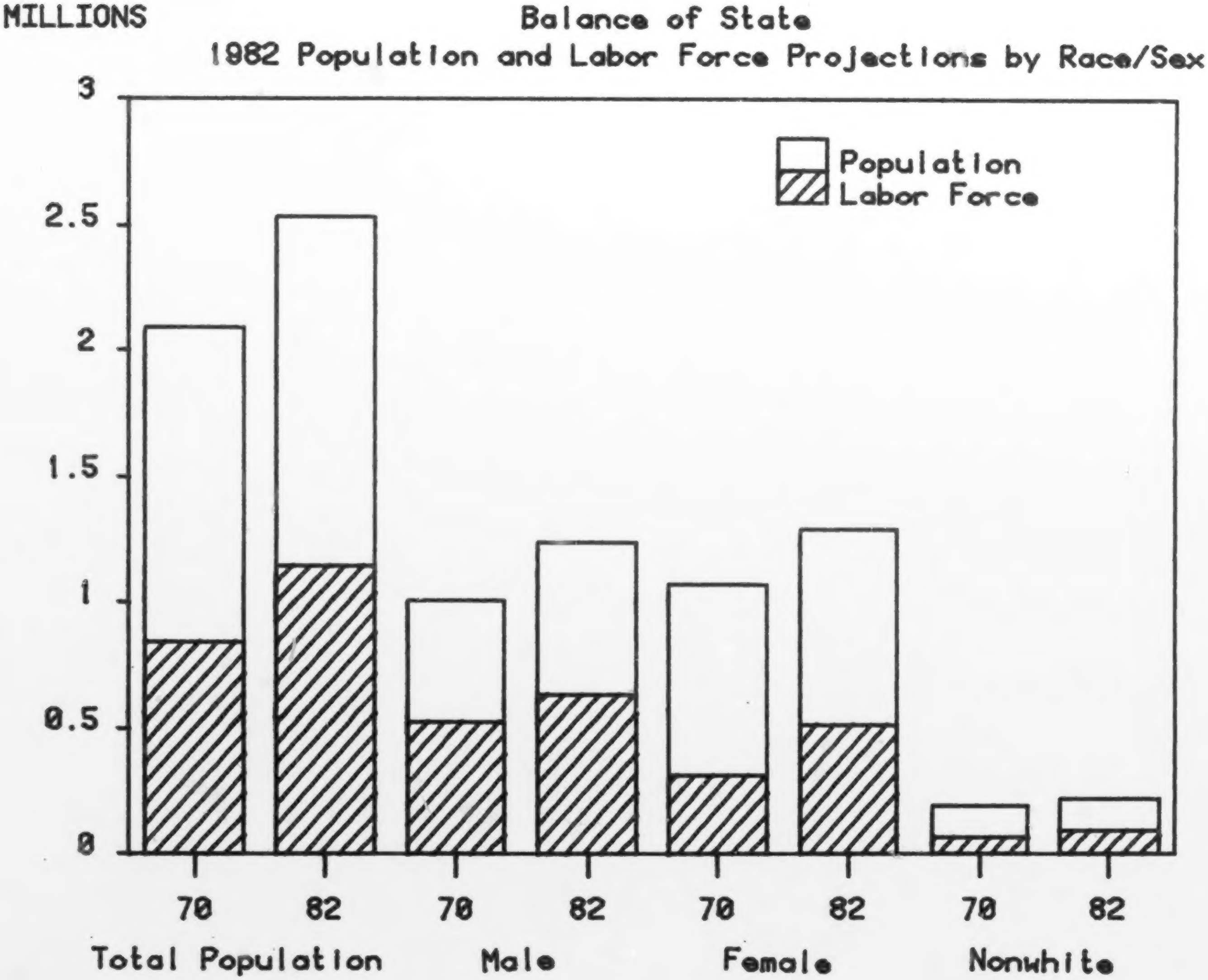


TABLE II

BALANCE OF STATE

POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	186,865	164,384	22,357	124	96,129	90,736
5-9	189,794	168,932	20,710	151	98,298	91,496
10-14	218,136	196,615	21,389	132	112,498	105,638
15-19	243,176	214,105	28,959	112	125,770	117,406
20-24	207,135	181,848	25,085	201	106,564	100,571
25-29	186,301	168,018	18,159	124	94,151	92,150
30-34	183,709	169,967	12,613	129	87,591	95,119
35-39	169,520	159,329	10,012	179	84,525	84,995
40-44	146,227	137,870	8,227	130	70,919	75,308
45-49	134,263	125,958	8,216	89	63,550	70,713
50-54	130,326	121,943	8,251	132	61,296	69,031
55-59	128,604	120,644	7,918	42	59,954	68,650
60-64	116,454	108,541	7,854	59	52,564	63,890
65-69	105,142	97,095	8,024	22	47,234	57,908
70-74	81,630	75,312	6,307	11	35,682	45,948
75+	109,733	101,047	8,650	36	40,740	68,993
SPECIAL BREAKOUT						
14-15	92,262	82,144	10,070	49	47,654	44,609
16-19	194,541	171,284	23,167	90	100,616	93,925
19 & Under	837,970	744,036	93,416	519	432,695	405,275
20-21	82,854	72,739	10,034	81	42,625	40,228
22-44	809,038	744,293	64,063	683	401,123	407,915
45-54	264,589	247,901	16,467	221	124,846	139,743
55 & Over	541,563	502,640	38,753	171	236,174	305,389
TOTAL	2,536,015	2,311,608	222,732	1,674	1,237,464	1,298,551

TABLE IIA

BALANCE OF STATE

TOTAL POPULATION

AGE	1970	1972	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	172,322	159,194	186,865	14,543	8.4
5-9	199,613	189,928	189,794	-9,819	-4.9
10-14	211,581	222,363	218,136	6,555	3.1
15-19	194,852	229,318	243,176	48,324	24.8
20-24	153,178	171,478	207,135	53,962	35.2
25-29	134,653	128,985	186,301	51,648	38.4
30-34	119,814	148,489	182,709	62,895	52.5
35-39	114,917	134,397	169,520	54,603	47.5
40-44	116,517	128,234	146,227	29,710	25.2
45-49	120,397	127,506	134,263	13,866	11.5
50-54	114,387	130,423	130,326	15,939	13.9
55-59	109,836	121,680	128,604	18,768	17.1
60-64	98,956	115,227	116,454	17,498	17.7
65-69	80,393	101,060	105,142	24,749	30.8
70-74	69,010	77,004	81,630	12,620	18.3
75+	83,826	102,052	109,733	25,907	30.9
TOTAL	2,094,252	2,287,338	2,526,015	441,763	21.1

Special Breakouts for 1982

14-15	92,262
16-19	194,541
19 and Under	837,970
20-21	82,854
22-44	809,038
55 and Over	541,563

TABLE IIB

BALANCE OF STATE

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	78,159	71,646	85,150	6,991	8.9
5-9	89,517	86,942	88,652	-865	-1.0
10-14	96,297	101,415	102,831	6,534	6.8
15-19	86,854	105,667	109,751	22,897	26.4
20-24	65,899	76,270	91,795	25,896	39.3
25-29	61,788	53,308	83,849	22,061	35.7
30-34	54,351	68,543	81,507	27,156	50.0
35-39	51,344	61,566	80,572	29,228	56.9
40-44	52,163	58,118	67,695	15,532	29.8
45-49	54,100	57,456	60,477	6,377	11.8
50-54	50,464	58,441	58,073	7,609	15.1
55-59	48,382	53,064	56,577	8,195	16.9
60-64	42,671	49,852	49,384	6,713	15.7
65-69	33,391	42,708	43,899	10,508	31.5
70-74	24,058	30,616	32,837	8,779	36.5
75+	31,531	36,255	37,258	5,727	18.2
TOTAL	920,969	1,011,867	1,130,306	209,337	22.7

Special Breakouts for 1982

14-15	42,516
16-19	87,801
19 and Under	386,384
20-21	36,718
22-44	368,700
45-54	118,550
55 and Over	219,955

TABLE IIC

BALANCE OF STATE

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	74,297	68,151	79,233	4,936	6.6
5-9	86,550	82,718	80,281	-6,269	-7.2
10-14	89,661	97,469	93,784	4,123	4.6
15-19	85,474	98,174	104,353	18,879	22.1
20-24	74,574	77,904	90,053	15,479	20.8
25-29	63,427	66,774	84,169	20,742	32.7
30-34	57,460	71,459	88,460	31,000	54.0
35-39	55,295	65,055	78,757	23,462	42.4
40-44	55,636	61,726	70,175	14,539	26.1
45-49	57,559	61,199	65,480	7,921	13.8
50-54	54,728	63,236	63,871	9,143	16.7
55-59	52,289	59,523	64,067	11,778	22.5
60-64	47,559	56,515	59,157	11,598	24.4
65-69	39,510	50,232	53,196	13,686	34.6
70-74	39,316	39,645	42,476	3,160	8.0
75+	44,567	56,555	63,789	19,222	43.1
TOTAL	977,902	1,076,335	1,181,302	203,400	20.8

Special Breakouts for 1982

14-15	39,628
16-19	83,483
19 and Under	357,652
20-21	36,021
22-44	375,593
45-54	129,351
55 and Over	282,685

TABLE IID

BALANCE OF STATE

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	9,869	9,724	10,918	1,049	10.6
5-9	12,079	10,063	9,577	-2,502	-20.7
10-14	12,672	12,097	9,606	-3,066	-24.2
15-19	10,923	12,668	15,959	5,036	46.1
20-24	5,851	8,182	14,649	8,798	150.4
25-29	4,043	3,961	10,224	6,181	152.9
30-34	3,472	3,492	6,023	2,551	73.5
35-39	3,500	3,296	3,880	380	10.9
40-44	3,760	3,528	3,176	-584	-15.5
45-49	4,141	3,784	3,054	-1,087	-26.2
50-54	4,160	4,081	3,190	-970	-23.3
55-59	4,135	4,076	3,365	-770	-18.6
60-64	4,111	3,899	3,154	-957	-23.3
65-69	3,410	3,679	3,317	-93	-2.7
70-74	2,656	2,917	2,838	182	6.8
75+	3,515	3,928	3,472	-43	-1.2
TOTAL	92,297	93,375	106,401	14,104	15.3

Special Breakouts for 1982

14-15	5,113
16-19	12,768
19 and Under	46,060
20-21	5,860
22-44	32,092
45-54	6,244
55 and Over	16,146

TABLE IIE

BALANCE OF STATE

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	9,875	9,530	11,439	1,564	15.8
5-9	11,376	10,081	11,134	-242	-2.1
10-14	12,859	11,291	11,783	-1,076	-8.4
15-19	11,509	12,717	13,000	1,491	13.0
20-24	6,652	8,939	10,437	3,785	56.9
25-29	5,204	4,815	7,935	2,731	52.5
30-34	4,391	4,831	6,590	2,199	50.0
35-39	4,692	4,365	6,133	1,441	30.7
40-44	4,825	4,775	5,051	226	4.7
45-49	4,553	4,932	5,162	609	13.4
50-54	4,968	4,622	5,061	93	1.9
55-59	5,005	4,950	4,552	-453	-9.0
60-64	4,600	4,937	4,701	101	2.2
65-69	4,051	4,427	4,707	656	16.2
70-74	2,957	3,797	3,469	512	17.3
75+	4,185	5,279	5,178	993	23.7
TOTAL	101,702	104,288	116,331	14,629	14.4

Special Breakouts for 1982

14-15	4,957
16-19	10,400
19 and Under	47,355
20-21	4,175
22-44	31,971
45-54	10,223
55 and Over	22,607

TABLE IIF

BALANCE OF STATE

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	63	72	61	-2	-3.2
5-9	45	64	70	25	55.6
10-14	57	45	61	4	7.0
15-19	52	57	59	7	13.5
20-24	100	104	120	20	20.0
25-29	90	61	78	-12	-13.3
30-34	62	74	61	-1	-1.6
35-39	22	45	73	51	232.0
40-44	39	22	48	9	23.1
45-49	13	39	19	6	46.1
50-54	33	12	33	0	0.0
55-59	20	33	11	-9	-45.0
60-64	10	19	27	17	170.0
65-69	2	9	18	6	300.0
70-74	13	2	8	-5	-38.5
75+	15	18	10	-5	-33.3
TOTAL	636	676	757	121	19.0

Special Breakouts for 1982

14-15	24
16-19	48
19 and Under	251
20-21	48
22-44	332
45-54	52
55 and Over	73

TABLE IIG

BALANCE OF STATE

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	59	71	63	4	6.8
5-9	46	60	81	35	76.1
10-14	35	46	70	35	100.0
15-19	40	35	53	13	32.5
20-24	102	79	81	-21	-20.6
25-29	101	66	46	-55	-54.5
30-34	78	90	68	-10	-12.8
35-39	64	70	105	41	64.1
40-44	94	65	82	-12	-12.8
45-49	31	96	70	39	125.8
50-54	34	31	99	65	191.2
55-59	5	34	31	26	520.0
60-64	5	5	32	27	540.0
65-69	29	5	5	-24	-82.8
70-74	10	27	4	-6	-60.0
75+	13	17	26	13	56.5
TOTAL	746	797	918	172	23.1

Special Breakouts for 1982

14-15	25
16-19	42
19 and Under	268
20-21	33
22-44	351
45-54	169
55 and Over	98

IV. ECONOMIC TRENDS AND OUTLOOK

A. State Labor Force Employment and Unemployment Outlook

The forecast for Tennessee in the planning year 1982 remains the same as for 1981. Cautious pessimism prevails among forecasters, because the economy in Tennessee has taken a downturn--reflected by the 0.62 percent decline in the gross state product, a substantial decrease in durable goods manufacturing and an annual average unemployment rate of 7.2 percent in 1980. The unemployment rate for 1980 is the worst since the 1975 recession.

Considering changes proposed by the new administration and consistently high interest rates, we believe that Tennessee will experience a negative growth year. The high interest rates are drastically reducing installment purchases of new consumer goods, and causing a reduction in new homes construction.

If the prime and other interest rates remain high or begin to rise again, no doubt a "double dip" (or negative growth period) will occur in Tennessee. Tennessee is an open economy and must be analyzed within the context of the nation's economy, but Tennessee should not be expected to mirror the national business cycles. Sensitivity to national cycles is a function of the interdependencies between Tennessee and the nation and the type of outputs produced in Tennessee. Examination of the relationship between unemployment rates shows that Tennessee generally had lower rates than the nation, but exhibited similar responses to cycles. Historically, Tennessee has been relatively insulated from national economic cycles. From 1948 to 1973 (including five business cycles) the growth rate in nonfarm payroll income in Tennessee was 7.3 percent higher during expansions than during recessions. The cyclical swing in the United States was higher--7.8 percent. New evidence indicates that Tennessee is relatively sensitive to business cycles, as seen by the 6.2 percent cyclical swing in nonfarm payroll growth rates during the 1973-79 period, compared with a 4.1 percent difference for the nation.[1] The most apparent reason for the change is the rapid expansion of manufacturing employment in Tennessee particularly among durable goods industries. The statewide growth in both durable goods and nondurable goods manufacturing employment exceeds the national growth rate--Tennessee manufacturing employment is growing as a share of national manufacturing employment. Durable goods employment in Tennessee has grown at an average annual rate of 4.2 percent since 1960, compared to 1.5 percent for the nation. Tennessee nondurable goods employment has grown 2.1 percent annually compared with 0.6 percent annually for the nation over the same time period. This trend indicates that in the future Tennessee can expect more pronounced business cycles than the nation as a whole. The nation and Tennessee are forecast to rebound slowly during 1981. The growth rate in gross state product is forecast at under 1.0 percent. All major industrial sectors are expected to experience positive economic growth except durable goods manufacturing and state and local government. The slow-growth trend will occur because there is no significant demand stimulus in sight for bringing about a strong recovery--something many economists feel we need if the recovery is to be quick. A large federal tax cut would be one way to create this stimulus, though a tax cut must be applied cautiously to avoid greater inflationary pressures.

Though the recession will end during the fourth quarter of 1980, the average unemployment rate will be higher in 1981. This is not an unexpected happening;

historically, unemployment rates continue to rise after a recession ends. Unemployment rates follow this pattern because, even though the labor force is continuing to grow, production is initially increased by lengthening the work week rather than by hiring more laborers. The high unemployment rate forecast for 1981 also reflects the slow rebound anticipated after this recession.

Strong economic growth is forecast for 1982, with real gross state product increasing over 4.0 percent. Growth above 1980's average is forecast for nearly every sector, but the rebound will be most strongly felt in those economic sectors which experienced large declines in 1980-81. Construction will experience the largest growth as pent-up demand and lower interest rates lead to more than 6.0 percent growth. Durable goods manufacturing industries will also rebound very well; output in all industries will grow rapidly, with fabricated metal products and electrical machinery doint the best. Nondurable goods industries will also be strong performers in 1982. Rubber and plastics and chemicals should do particularly well among the nondurable goods industries.

The forecast for the remainder of the 1980's is optimistic. Output growth averaging above 2.5 percent annually is forecast. Unemployment rates will gradually decline as the labor force growth rate declines and the number of people employed grows relatively rapidly.

The growth forecast for Tennessee is above our expectation for the U. S. economy as a result of continued expansion in Tennessee manufacturing employment. Durable goods manufacturing will grow faster the first several years of the decade; but nondurable goods will grow faster during the remainder of the decade.

An important determinant of Tennessee's economic growth will be its ability to remain competitive with alternative business locations. The availability of energy looms as perhaps the most significant location consideration for many firms. If business firms perceive that energy will be unusually tight in the TVA region, this assumption may lead to slower growth in Tennessee. The state is expected to have its largest labor force in history during fiscal year 1982, with a projected 2,233,848 persons participating. This 46.1 percent increase since 1970 can be attributed to the large number of 16 to 19 year olds entering the labor market, the phenomenal number of women seeking jobs, and migration of mid-western, northern, and foreign industry into the state, as well as the return of a large number of native Tennesseans to the State.

The fastest growing group in the labor force has been females, both white and nonwhite. White females have had a 71.9 percent increase since 1970 and nonwhite females have had a 69.5 percent gain.

The largest group in the labor force is white males, which number 1,050,819, followed by white females with 848,746. Whites constitute a total of 85.0 percent of the labor force.

The large increase in employment among females and minorities is attributed to several factors, among them the higher educational attainment among minorities, Tennessee's Affirmative Action Program, the many statewide manpower programs and the entrance of these groups into nontraditional job opportunities.

On a less positive note, women in Tennessee are expected to make up 54.7 percent of the unemployed. However, they will only represent 45.6 percent of the labor force. Nonwhite women will have an overall unemployment rate of 12.3 percent; young (16-19 years old) nonwhite women will suffer a 41.0 percent unemployment rate.

The total number of unemployed in Tennessee is expected to be 125,095 persons--an unemployment rate of 5.6 percent. Whites are expected to make up 70.1 percent of all unemployed persons, and nonwhites 29.9 percent.

Source: Metropolitan Area Economic Report: Economic Forecasts to 1988 for Tennessee, Chattanooga, Knoxville, Memphis, and Nashville Metropolitan Areas (Nashville: Tennessee State Planning Office, August 1980)

TABLE III

TENNESSEE

LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	64,624	52,887	11,737	36,421	28,202
18-19	107,176	86,119	21,057	55,830	51,346
20-24	308,119	244,387	63,733	163,876	144,243
25-34	647,826	552,420	95,406	344,064	303,762
35-44	474,144	418,763	55,381	250,252	223,892
45-64	562,202	488,702	73,500	320,110	242,092
65+	69,756	56,287	13,469	43,501	26,255
SPECIAL BREAKOUT					
16-19	171,800	139,007	32,793	92,251	79,549
20-21	123,248	97,755	25,493	65,551	57,697
22-44	1,306,842	1,117,815	189,027	692,642	614,199
45-54	281,101	244,351	36,750	160,055	121,046
55 & Over	350,857	300,638	50,220	203,556	147,301
TOTAL	2,233,848	1,899,566	334,282	1,214,055	1,019,793

TABLE IIIA

TENNESSEE

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	1,526,054	2,233,848	46.1	1,460,956	2,108,753	44.3	67,624	125,095	85.0	4.4	5.6
16-17	30,279	64,624	113.4	26,001	50,856	95.6	4,278	13,768	221.8	14.1	21.3
18-19	65,822	107,176	62.8	57,583	89,580	55.6	8,239	17,596	113.6	12.5	16.4
20-24	200,651	308,119	53.6	185,500	276,290	48.9	15,151	31,829	110.1	7.6	10.3
25-34	342,876	647,826	89.0	328,805	616,037	87.4	14,071	31,789	125.9	4.1	4.9
35-44	320,215	474,144	48.1	309,906	459,408	48.2	10,309	14,736	42.9	3.2	3.1
45-64	505,561	562,202	11.2	491,917	548,639	11.5	13,644	13,563	-	2.7	2.4
65 and over	60,650	69,756	15.0	54,205	67,942	25.3	1,932	1,814	-6.1	3.2	2.6
Special Breakout for 1982											
16-19		171,800			140,436			31,364			18.3
20-21		123,248			110,516			12,732			10.3
22-44		1,306,842			1,241,220			65,622			5.0
45-54		281,101			274,319			6,782			2.4
55 and over		350,857			342,261			8,596			2.4

TABLE IIIB

TENNESSEE

WHITE MALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	817,102	1,050,819	28.6	788,849	1,010,479	28.1	28,253	40,340	42.8	3.5	3.8
16-17	17,697	30,434	72.0	15,649	25,769	64.7	2,048	4,665	127.8	11.6	15.3
18-19	30,134	44,979	49.3	27,088	40,321	48.9	3,046	4,658	52.9	10.1	10.4
20-24	93,988	132,863	41.4	88,008	123,955	40.8	5,980	8,908	49.0	6.4	6.7
25-34	193,273	296,280	53.3	187,258	285,675	52.3	6,015	10,605	76.3	3.1	3.6
35-44	173,271	225,632	30.2	169,311	220,581	30.3	3,960	5,051	27.5	2.3	2.2
45-64	275,575	285,230	3.5	269,165	279,470	3.7	6,410	5,760	-10.1	2.3	2.0
65 and over	33,164	35,401	6.7	32,370	34,708	7.2	794	693	-12.7	2.4	2.0
Special Breakout for 1982											
16-19		75,413			66,089			9,324			12.4
20-21		53,145			49,582			3,563			6.7
22-44		601,630			580,629			21,001			3.5
45-54		142,615			139,735			2,880			2.0
55 and over		178,016			174,443			3,573			2.0

TABLE IIIC

TENNESSEE

WHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	493,762	848,746	71.9	469,704	801,342	70.6	24,058	47,404	97.0	4.9	5.6
16-17	8,362	22,454	168.5	7,091	17,489	146.6	1,271	4,965	290.6	15.2	22.1
18-19	25,482	41,140	61.4	22,655	35,327	55.9	2,827	5,813	105.6	11.1	14.1
20-24	77,407	111,524	44.1	72,155	101,916	41.2	5,252	9,608	82.9	6.8	8.6
25-34	102,929	256,140	148.8	97,735	241,421	147.0	5,194	14,719	183.4	5.0	5.7
35-44	103,603	193,131	86.4	99,403	186,407	87.5	4,200	6,724	60.1	4.1	3.5
45-64	159,178	203,472	27.8	154,474	198,409	28.4	4,704	5,063	7.6	3.0	2.5
65 and over	16,801	20,886	24.3	16,191	20,374	25.8	610	512	-16.1	3.6	2.5
Special Breakout for 1982											
16-19		63,594			52,817			10,777			16.9
20-21		44,610			40,767			3,843			8.6
22-44		516,185			488,977			27,208			5.3
45-54		101,736			99,205			2,531			2.5
55 and over		122,622			119,578			3,044			2.5

TABLE IIID

TENNESSEE

NONWHITE MALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	114,291	163,236	42.8	106,978	146,923	37.3	7,313	16,313	123.1	6.4	10.0
16-17	2,769	5,988	116.2	2,214	4,285	93.5	555	1,703	206.8	20.0	28.4
18-19	5,744	10,851	88.9	4,573	7,828	71.2	1,171	3,023	158.2	20.4	27.9
20-24	14,832	31,013	109.1	13,128	25,773	96.3	1,704	5,240	207.5	11.5	16.9
25-34	24,293	47,784	96.7	23,107	44,338	91.9	1,185	3,446	190.8	4.9	7.2
35-44	21,798	24,621	13.0	20,817	23,435	12.6	981	1,186	20.9	4.5	4.8
45-64	38,862	34,880	-10.2	37,494	33,626	-10.3	1,368	1,254	-8.3	3.5	3.6
65 and over	5,993	8,100	35.2	5,644	7,639	35.3	349	461	32.1	5.8	5.7
Special Breakout for 1982											
16-19		16,839			12,113			4,726			28.1
20-21		12,405			10,309			2,096			16.9
22-44		91,013			83,238			7,775			8.5
45-54		17,440			16,813			627			3.6
55 and over		25,540			24,452			1,088			4.3

TABLE IIIE

TENNESSEE

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	100,900	171,046	69.5	92,900	150,006	61.5	8,000	21,040	163.0	7.9	12.3
16-17	1,451	5,749	296.2	1,047	3,314	216.5	404	2,435	502.7	27.8	42.4
18-19	4,462	10,206	128.7	3,267	6,104	86.8	1,195	4,102	243.3	26.8	40.2
20-24	14,424	32,719	126.8	12,209	24,646	101.9	2,215	8,073	264.5	15.4	24.7
25-34	22,382	47,622	112.8	20,705	44,603	115.4	1,677	3,019	80.0	7.5	6.3
35-44	21,543	30,761	42.8	20,375	28,985	42.3	1,168	1,776	52.0	5.4	5.8
45-64	31,946	38,620	20.9	30,784	37,133	20.6	1,162	1,487	28.0	3.6	3.8
65 and over	4,692	5,369	14.4	4,513	5,221	15.7	179	148	-17.3	3.8	2.8
Special Breakout for 1982											
16-19		15,955			9,418			6,537			41.0
20-21		13,088			9,859			3,229			24.7
22-44		98,015			88,377			9,638			9.8
45-54		19,310			18,567			743			3.8
55 and over		24,679			23,787			892			3.6

IV. Economic Trends and Outlook

B. Balance of State Labor Force, Employment and Unemployment Outlook

The total labor force in the Balance of State area is expected to reach 1,152,880 during fiscal year 1982, with 1,084,860 (94.1 percent) of those persons employed. The unemployment rate is expected to average 5.9 percent for fiscal year 1982. This figure is only slightly higher than the state's expected unemployment rate.

Those experiencing the worst unemployment rate will be non-white women and youths. Whites will make up 83.5 percent (56,792) of all unemployed persons, 91.7 percent (1,056,831) of the labor force, and 92.2 percent (1,000,039) of the employed.

The beginning of calendar year 1981 will see the highest unemployment rates since the 1975 recession. After spring, the rates will gradually decline.

TABLE IV

BALANCE OF STATE

LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	35,378	31,798	3,580	20,398	14,980
18-19	60,755	53,890	6,865	33,251	27,504
20-24	157,449	139,077	18,373	86,821	70,628
25-34	318,398	292,277	26,121	164,687	153,711
35-44	256,787	241,630	15,157	138,434	118,353
45-64	288,974	267,778	21,196	168,709	120,265
65+	35,140	30,382	4,758	23,309	11,831
SPECIAL BREAKOUT					
16-19	96,132	85,688	10,445	53,648	42,484
20-21	62,980	55,631	7,349	34,729	28,251
22-44	669,655	617,353	52,301	355,214	314,440
45-54	144,487	133,889	10,597	84,354	60,133
55 & Over	179,626	164,271	15,355	107,663	71,963
TOTAL	1,152,880	1,056,832	96,048	635,609	517,271

TABLE IVA

BALANCE OF STATE

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	844,717	1,152,880	36.5	803,388	1,084,860	35.0	41,329	68,020	64.6	4.9	5.9
16-17	16,916	35,378	109.1	14,514	28,158	94.0	2,404	7,220	200.3	14.2	20.4
18-19	36,456	60,755	66.6	31,702	51,278	61.8	4,754	9,477	99.3	13.0	15.6
20-24	106,484	157,449	47.9	97,784	141,547	44.8	8,700	15,902	82.8	8.2	10.1
25-34	192,204	318,398	65.7	182,976	300,339	64.1	9,228	18,059	95.7	4.8	5.7
35-44	176,726	256,787	45.3	170,138	247,866	45.7	6,588	8,921	35.4	3.7	3.5
45-64	282,176	288,974	2.4	290,924	281,257	-3.3	8,748	7,717	-11.8	3.1	2.7
65 and over	33,755	35,140	4.1	32,848	34,416	4.8	907	724	-20.2	2.7	2.1
Special Breakout for 1982											
16-19		96,132			79,435			16,697			17.4
20-21		62,980			56,619			6,361			10.1
22-44		669,655			633,134			36,521			5.5
45-54		144,487			140,629			3,858			2.7
55 and over		179,626			175,043			4,583			2.6

TABLE IVB

BALANCE OF STATE

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	493,065	585,937	18.8	473,476	560,285	18.3	19,589	25,652	31.0	4.0	4.4
16-17	10,581	18,450	74.4	9,333	15,634	67.5	1,248	2,816	125.6	11.8	15.3
18-19	18,616	29,321	57.5	16,552	26,067	57.5	2,064	3,254	57.7	11.1	11.1
20-24	55,724	76,214	36.8	51,667	70,502	36,4	4,057	5,712	40.8	7.3	7.5
25-34	117,067	150,429	28.5	112,622	144,011	27.9	4,445	6,418	44.4	3.8	4.3
35-44	102,866	132,270	28.6	100,036	128,788	28.7	2,830	3,482	23.0	2.8	2.6
45-64	167,593	158,912	-5.2	163,080	155,282	-4.8	4,513	3,630	-19.6	2.7	2.3
65 and over	20,618	20,342	-1.3	20,186	20,002	-1.0	432	340	-21.3	2.1	1.7
Special Breakout for 1982											
16-19		47,771			41,701			6,070			12.7
20-21		30,486			28,201			2,285			7.5
22-44		328,427			315,099			13,328			4.1
45-54		79,456			77,641			1,815			2.3
55 and over		99,798			97,643			2,155			2.2

TABLE IVC

BALANCE OF STATE

WHITE FEMALES

AGE	CIVILIAN LABOR FORCE 1970	1982	PERCENT CHANGE	EMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT RATE 1970	1982
Total	286,076	470,894	64.6	269,306	439,754	63.3	16,770	31,140	85.7	5.9	6.6
16-17	5,005	13,348	166.7	4,147	10,124	144.1	858	3,224	275.8	17.1	24.2
18-19	14,560	24,569	68.7	12,621	20,533	62.7	1,939	4,036	108.1	13.3	16.4
20-24	42,662	62,863	47.4	39,168	56,531	44.3	3,494	6,332	81.2	8.2	10.1
25-34	62,286	141,849	127.7	58,452	132,217	126.2	3,834	9,632	151.2	6.2	6.8
35-44	61,444	109,360	78.0	58,433	104,902	79.5	3,011	4,458	48.1	4.9	4.1
45-64	91,294	108,866	19.2	87,991	105,654	20.1	3,303	3,212	-2.8	3.6	3.0
65 and over	8,825	10,040	13.8	8,494	9,794	15.3	331	246	-25.7	3.8	2.5
Special Breakout for 1982											
16-19		37,917			30,656			7,261			19.1
20-21		25,145			22,612			2,533			10.1
22-44		288,926			271,037			17,889			6.2
45-54		54,433			52,827			1,606			3.0
55 and over		64,473			62,620			1,853			2.9

TABLE IVD

BALANCE OF STATE

NONWHITE MALES

AGE	CIVILIAN LABOR FORCE 1970	1982	PERCENT CHANGE	EMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT RATE 1970	1982
Total	35,631	49,671	39.4	33,367	44,821	34.3	2,264	4,850	114.2	6.4	9.8
16-17	832	1,948	134.1	666	1,437	115.8	166	511	207.8	20.0	26.2
18-19	1,794	3,929	119.0	1,479	3,056	106.6	315	873	177.1	17.6	22.2
20-24	4,364	10,608	143.1	3,853	8,916	131.4	511	1,692	231.1	11.7	16.0
25-34	6,789	14,259	110.0	6,443	13,264	105.9	346	995	187.6	5.1	7.0
35-44	6,334	6,164	-2.7	5,997	5,839	-2.6	337	325	-3.6	5.3	5.3
45-64	12,957	9,796	-24.4	12,467	9,446	-24.2	490	350	-28.6	3.8	3.6
65 and over	2,561	2,967	15.8	2,462	2,863	16.3	99	104	5.1	3.9	3.5
Special Breakout for 1982											
16-19		5,877			4,493			1,384			23.6
20-21		4,243			3,566			677			16.0
22-44		26,787			24,452			2,335			8.7
45-54		4,899			4,724			175			3.6
55 and over		7,866			7,587			279			3.5

TABLE IVE

BALANCE OF STATE

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	29,945	46,377	54.9	27,239	40,001	46.8	2,706	6,376	135.6	9.0	13.7
16-17	498	1,632	227.7	366	963	163.1	132	669	406.8	26.5	41.0
18-19	1,486	2,936	97.6	1,050	1,623	54.6	436	1,313	201.1	29.3	44.7
20-24	3,734	7,765	107.9	3,096	5,599	80.8	638	2,166	239.5	17.1	27.9
25-34	6,062	11,863	95.7	5,459	10,849	98.7	603	1,014	68.2	9.9	8.5
35-44	6,082	8,992	47.8	5,672	8,336	47.0	410	656	60.0	6.7	7.3
45-64	10,332	11,399	10.3	9,890	10,875	10.0	442	524	18.6	4.3	4.6
65 and over	1,751	1,790	2.2	1,706	1,756	2.9	45	34	-24.4	2.6	1.9
Special Breakout for 1982											
16-19		4,568			2,586			1,982			43.4
20-21		3,106			2,240			866			27.9
22-44		25,514			22,545			2,969			11.6
45-54		5,700			5,438			262			4.6
55 and over		7,490			7,194			296			4.0

C. U.I. Claimant Characteristics

The following tables provide a sampling of Unemployment Insurance claimant characteristics. The information provided is for the last quarter of 1980.

The data included shows that clerical and sales occupations made up the largest percentage (21.2 percent) of persons drawing unemployment insurance. Most U.I. claimants were men, over 22 years of age, white, with a high school education.

TABLE V

TENNESSEE

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS		*PERCENT
0-1	Professional, Technical, Managerial	8.4
2	Clerical and Sales	21.2
3	Services	9.1
4	Farming, Fisheries, Forestry	.8
5	Processing	3.8
6	Machine Trades	12.0
7	Benchwork	14.2
8	Structural Work	14.8
9	Miscellaneous	13.5
	Partials and Invalid Claims	2.1

SEX	PERCENT	EDUCATION	PERCENT
Males	53.6	0-8	14.3
Females	46.4	9-12	70.0
AGE		13-16	14.9
0-21	13.4	MISCELLANEOUS	
22 and over	86.6	Disadvantaged	22.9
RACE		Veteran	14.7
White	80.7	Handicapped	3.5
Black	18.9	Welfare	3.8
Other	.4	Foodstamp	4.0

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE VI

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
Tennessee		26,608	53.6	46.4	13.4	68.7	17.8	14.3	70.0	14.9	80.7	18.9	.4	22.9	14.7	3.8	3.5	4.0
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	2,233	53.7	46.3	4.2	77.0	19.0	1.3	38.1	52.6	86.2	13.4	.4	12.4	20.9	1.7	4.6	2.7
Prof. & Tech.	00-16	1,365	48.3	51.7	3.6	78.6	17.8	.4	31.2	58.2	85.1	14.3	.5	12.4	20.8	2.2	4.2	2.6
Architecture & Engineering	00-01	218	84.4	15.6	8.7	73.9	17.4	.5	32.1	62.4	90.8	8.7	.5	8.7	33.5	0	3.7	3.7
Math & Phy. Science	02	55	78.2	21.8	1.8	87.3	10.9	0	18.2	69.1	85.4	12.7	1.8	12.7	25.4	0	1.8	0
Life Science	04	65	49.2	50.8	1.5	87.7	10.8	0	4.6	58.5	70.8	29.2	0	23.1	18.5	4.6	4.6	3.1
Social Sciences	05	7	57.1	42.9	0	100.0	0	0	0	100.0	71.4	28.6	0	28.6	0	0	0	0
Medicine & Health	07	237	20.7	79.3	6.3	78.1	15.6	0	53.6	41.8	85.2	14.8	0	18.6	14.8	3.0	2.5	3.8
Education	09	243	20.6	79.4	1.2	85.2	13.6	.8	15.2	61.7	71.6	27.2	1.2	15.6	6.2	5.8	3.3	2.5
Museum & Archival Ser.	10	13	46.2	53.8	7.7	76.9	15.4	0	15.4	61.5	84.6	15.4	0	15.4	0	0	7.7	0
Law & Jurisprudence	11	10	50.0	50.0	0	100.0	0	0	30.0	70.0	100.0	0	0	0	100.0	0	0	0
Religion & Theology	12	1	100.0	0	0	100.0	0	0	0	0	100.0	0	0	0	0	0	0	0
Writing	13	17	58.8	41.2	0	76.5	23.5	0	11.8	76.4	88.2	11.8	0	5.9	11.8	5.9	0	5.9
Art	14	59	40.7	59.3	3.4	86.4	10.2	0	47.4	50.8	93.2	5.1	1.7	10.2	13.6	0	6.8	0
Entertainment & Recreation	15	49	75.5	24.5	8.2	89.8	2.0	0	34.7	57.1	91.8	8.2	0	12.2	14.3	2.0	4.1	6.1
Administrative Specializations	16	391	55.0	45.0	0.7	71.6	27.6	0	32.2	61.6	90.3	9.5	.2	7.4	29.2	1.0	6.1	1.8
Managerial	18	698	66.6	33.4	4.7	73.3	21.9	3.1	54.3	39.8	91.1	8.4	.4	11.0	19.9	.9	4.7	2.3
Miscellaneous Professional, Tech.	19	170	42.3	57.6	6.5	77.6	15.9	1.2	26.5	59.4	72.9	26.5	.6	17.6	25.9	1.2	7.1	5.3
CLERICAL & SALES	2	5,650	23.1	76.9	13.9	68.7	17.4	2.6	72.5	24.5	82.5	17.3	.2	18.5	9.8	3.3	2.8	2.1
Clerical	20-24	4,504	16.1	83.9	14.3	70.3	15.4	1.9	74.2	23.7	81.2	18.6	.2	19.1	7.9	3.5	2.4	2.0
Typing, Filing, & Related Work	20	1,441	7.5	92.5	13.2	74.9	11.9	.8	70.8	28.2	76.5	23.3	.2	18.2	6.5	3.3	2.1	1.7
Computing & Account Recording	21	2,006	8.8	91.2	15.3	67.6	17.0	1.8	76.1	22.0	84.8	14.9	.3	18.5	4.4	3.9	2.0	1.5
Material & Prod. Recording	22	558	67.0	33.0	16.8	67.9	15.2	5.4	76.0	18.5	79.6	20.2	.2	20.8	25.1	2.5	3.9	3.2
Infor. & Message Distribution	23	314	9.5	91.5	14.0	69.4	16.6	.6	80.2	18.5	84.7	15.3	0	21.3	5.7	4.1	3.5	3.2
Misc. Clerical	24	185	19.5	80.5	4.9	71.9	23.2	2.7	63.8	33.0	77.8	22.2	0	24.3	9.2	2.2	3.8	3.8
Sales	25-29	1,146	50.6	49.4	12.1	62.2	25.7	5.4	65.9	27.7	87.8	12.0	.2	16.0	17.2	2.4	4.3	2.7
Salespersons, Ser.	25	75	54.7	45.3	6.7	69.3	24.0	4.0	45.3	48.0	94.7	5.3	0	10.7	28.0	1.3	8.0	2.7
Salespersons, Commodities	26-28	630	55.9	44.1	8.9	64.6	26.5	4.4	59.7	34.8	88.7	11.1	0	14.1	20.0	1.9	3.5	1.9
Merchandising, except Sales	29	441	42.4	57.6	17.7	57.6	24.7	7.0	78.2	14.3	85.3	14.5	.2	19.5	11.3	3.4	4.8	3.8

TABLE VI

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	2,435	34.6	65.4	15.6	59.0	25.4	20.9	70.5	8.6	65.8	33.6	.6	39.2	12.4	11.3	4.9	4.5
Domestic	30	79	10.1	89.9	5.1	58.2	36.7	35.4	59.5	5.1	53.2	46.8	0	57.0	2.5	20.2	5.1	2.5
Other Service	31-38	2,356	35.4	64.6	16.0	59.0	25.0	20.4	70.9	8.7	66.2	33.2	.6	38.6	12.8	11.0	4.9	4.5
Food Preparation & Service	31	1,012	23.8	76.2	19.7	56.4	23.9	18.6	73.6	7.8	69.3	29.8	.9	39.4	7.4	12.8	3.3	3.2
Lodging & kindred	32	174	9.8	90.2	8.0	62.6	29.3	36.8	60.9	2.3	64.4	35.6	0	44.2	4.0	15.5	5.2	2.3
Barbering & kindred	33	48	16.7	83.3	14.6	70.8	14.6	4.2	83.3	12.5	81.2	18.0	0	25.0	8.3	6.3	4.2	2.1
Amusement & kindred	34	9	66.7	33.3	22.2	44.4	33.3	0	66.7	33.3	88.9	11.1	0	11.1	11.1	0	0	0
Misc. Pers. Ser.	35	331	15.7	84.3	16.3	64.9	18.7	8.4	79.5	11.8	61.0	39.0	0	43.5	10.0	16.9	3.3	5.7
Apparel & Furnish.	36	179	16.8	83.2	6.7	55.9	37.4	32.4	64.8	2.8	75.4	24.6	0	27.4	3.9	10.6	3.4	5.6
Protective Service	37	236	86.0	14.0	10.6	69.5	19.9	14.0	63.6	22.5	73.7	25.8	.4	30.9	46.6	1.3	11.0	5.1
Building & kindred	38	367	75.7	24.2	17.2	52.6	30.2	29.2	66.5	4.4	51.5	47.4	1.1	42.2	17.4	6.0	7.4	7.9
FARMING, FISHERY, FORESTRY	4	224	82.6	17.4	25.0	58.9	16.1	34.4	56.3	9.4	85.7	13.4	.9	37.0	8.9	1.8	4.9	4.9
Plant Farming	40	116	83.6	16.4	26.7	58.6	14.7	31.9	56.0	12.1	80.2	18.1	1.7	37.1	11.2	1.7	5.2	4.3
Animal Farming	41	29	65.5	34.5	13.8	72.4	13.8	13.8	65.5	20.7	82.8	17.2	0	24.1	10.3	0	0	3.4
Misc. Farming	42	34	85.3	14.7	29.4	47.1	23.5	50.0	50.0	0	88.2	11.8	0	44.1	8.8	5.9	5.9	11.8
Fishery & kindred	44	0																
Forestry	45	45	88.9	11.1	24.4	60.0	15.6	42.2	55.6	2.2	100.0	0	0	40.0	2.2	0	6.7	2.2
Agricultural Service	46	0																
PROCESSING	5	1,007	67.2	32.8	13.1	67.3	19.6	22.8	69.6	7.4	75.4	24.4	.2	16.6	12.3	2.3	2.8	4.1
Metal	50	70	81.4	18.6	12.9	70.0	17.1	18.6	78.6	2.8	78.6	21.4	0	11.4	18.6	1.4	1.4	4.3
Refining & Foundry	51	212	91.5	8.5	16.0	61.3	22.6	27.4	68.9	3.8	59.4	40.1	.5	10.8	18.9	1.0	2.4	5.2
Food & kindred	52	176	47.7	52.3	11.9	58.5	29.5	32.4	63.1	4.5	76.7	22.7	.6	25.0	11.4	5.1	3.4	4.0
Paper & kindred	53	5	60.0	40.0	20.0	40.0	40.0	20.0	60.0	20.0	40.0	60.0	0	20.0	20.0	0	0	0
Petroleum & kindred	54	8	87.5	12.5	0	87.5	12.5	12.5	75.0	12.5	87.5	12.5	0	25.0	12.5	0	0	12.5
Chemicals, Plastics & kindred	55	283	63.6	36.4	13.4	74.9	11.7	12.0	76.7	10.9	80.9	19.1	0	13.4	9.2	2.8	1.4	2.1
Wood & Wood Products	56	7	28.6	71.4	28.6	57.1	14.3	14.3	71.4	14.3	71.4	28.6	0	14.3	0	0	0	0
Stone, Clay & kindred	57	88	82.9	17.0	11.4	76.1	12.5	22.7	64.8	12.5	77.3	22.7	0	13.6	8.0	1.1	6.8	9.1
Leather, Textiles & kindred	58	115	40.0	60.0	11.3	60.9	27.8	27.8	65.2	7.0	83.5	16.5	0	24.3	8.7	1.7	5.2	4.3
Processing, N.E.C.	59	43	72.1	27.9	9.3	79.1	11.6	30.2	60.5	9.3	83.7	16.3	0	23.3	14.0	0	0	0
MACHINE TRADES	6	3,198	68.2	31.8	12.1	68.2	19.7	18.3	74.5	6.9	83.9	15.8	.3	19.6	18.1	2.4	3.4	4.1
Metal Machining	60	789	69.1	30.9	15.3	66.8	17.9	14.4	76.8	8.7	84.7	15.2	.1	16.1	19.1	1.9	3.2	3.8
Metalwork, N.E.C.	61	625	62.7	37.3	7.7	72.5	19.8	17.4	76.6	5.8	79.0	20.3	.7	21.3	14.9	2.7	3.7	2.7
Machine Repair	62-63	743	98.6	.4	11.3	74.3	14.4	15.5	75.5	8.6	87.2	12.4	.6	18.2	33.9	.8	4.4	6.3
Paperworking	64	32	31.3	68.7	15.6	71.9	12.5	0	96.9	3.1	81.3	18.7	0	21.9	3.1	3.1	0	3.1
Printing	65	75	64.0	36.0	12.0	70.7	17.3	5.3	81.3	12.0	72.0	28.0	0	20.0	17.3	2.7	2.7	6.7
Wood Machining	66	227	85.9	14.1	18.9	57.8	23.3	36.6	59.0	4.4	88.1	11.0	.9	31.3	11.9	2.6	3.5	6.6
Maching. Stone, Glass & kind.	67	16	75.0	25.0	6.3	68.7	25.0	31.3	43.7	25.0	68.8	31.2	0	18.8	18.8	0	6.3	0
Textile	68	289	32.5	67.5	11.8	69.6	18.7	18.3	77.2	4.5	76.8	22.8	.4	25.3	4.8	5.5	2.4	2.1
Machine Trades, N.E.C.	69	402	38.1	61.9	10.2	57.2	32.6	25.4	70.1	4.0	89.3	10.7	0	15.4	6.0	3.5	2.2	2.5

TABLE VI

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCH WORK (Fabrication, Assby, & Repair)	7	3,785	28.0	72.0	11.9	68.9	19.3	20.7	77.0	5.3	84.1	15.4	.5	20.8	5.4	3.5	2.8	2.3
Metal Products, N.E.C.	70	844	40.5	59.5	18.5	67.3	14.2	14.3	79.6	6.0	81.8	17.8	.4	14.7	4.7	2.7	1.3	2.4
Scientific & Medical Good & kindred	71	88	22.7	77.3	4.5	77.3	18.2	7.9	73.9	18.2	81.8	18.2	0 0	15.9	14.8	7.9	2.3	0
Electrical Equipment	72	858	20.8	79.0	9.8	74.0	16.1	10.2	82.1	7.6	84.6	14.8	.5	16.8	5.9	1.6	2.1	2.0
Products from Assorted Materials	73	140	30.7	69.3	13.6	66.4	20.0	15.0	79.3	5.0	78.6	18.6	2.9	22.9	6.4	6.4	4.3	1.4
Painting & kindred	74	141	75.9	24.1	15.6	70.9	13.5	15.6	82.3	2.1	81.6	18.4	0	25.5	18.4	.7	7.8	1.4
Plastics, Rubber & kindred	75	143	63.6	36.4	11.2	78.3	10.5	9.8	78.3	11.9	89.5	10.5	0	16.1	11.9	3.5	3.5	3.5
Wood Products	76	141	55.3	44.7	12.1	67.4	20.6	29.1	67.4	3.5	85.1	14.9	0	33.3	7.1	2.8	6.4	2.8
Sand, Stone & kindred Products	77	38	73.7	26.3	7.9	76.3	15.8	13.2	73.7	13.1	73.7	26.3	0	15.8	5.3	2.6	0	2.6
Textile, Leather & kindred Products	78	1,359	12.0	88.0	9.0	65.0	26.0	25.1	72.6	2.3	85.9	13.7	.4	25.8	2.7	4.5	3.1	2.6
Benchwork, N.E.C.	79	33	27.3	72.7	18.2	66.7	15.1	27.3	72.7	0	81.8	18.2	0	36.4	6.1	21.2	3.0	6.1
STRUCTURAL WORK	8	3,933	92.7	7.3	16.0	70.1	13.8	19.8	72.1	8.0	87.8	11.9	.3	22.1	22.3	.7	3.3	5.3
Metal Fabricating, N.E.C.	80	425	81.2	18.8	14.8	73.4	11.8	17.4	75.1	7.5	87.5	12.0	.5	18.6	18.1	.9	2.6	5.2
Welders & kindred	81	481	89.0	11.0	14.3	77.1	8.5	13.9	80.0	6.0	82.7	16.8	.4	20.0	26.4	1.5	3.7	5.2
Electrical	82	515	83.9	16.1	15.7	74.2	10.1	7.6	79.8	12.4	86.8	12.8	.4	18.8	35.9	.6	2.9	4.5
Painting, Plastering & kindred	84	186	94.6	5.4	11.3	74.7	14.0	23.1	70.4	6.5	79.0	21.0	0	22.0	21.0	.5	3.8	4.8
Excavating & kindred	85	288	99.7	.3	8.7	71.9	19.4	32.6	61.8	5.6	94.1	5.9	0	21.5	20.8	0	2.8	4.9
Construction	86	1,852	96.9	3.1	18.6	66.6	14.8	22.9	69.2	7.8	89.5	10.4	.1	24.6	18.6	.6	3.1	5.7
Structural, N.E.C.	89	186	98.4	1.6	15.0	61.3	23.7	21.0	69.3	9.7	87.6	12.4	0	21.5	21.0	.5	3.8	4.8
MISCELLANEOUS	9	3,585	81.1	18.9	16.2	69.6	14.2	18.5	73.3	8.0	74.8	24.9	.3	27.1	20.8	3.1	4.0	6.4
Motor Freight, Transportation	90-91	1,283	94.9	5.1	10.1	72.8	17.1	20.7	72.8	6.2	82.1	17.6	.3	24.7	28.0	1.3	4.6	7.1
Packaging & Material Handling	92	2,005	72.5	27.5	20.7	67.6	11.7	16.8	74.8	8.4	67.8	31.8	.3	30.0	16.1	4.5	3.0	5.9
Other Misc.	93-97	297	80.8	19.2	12.4	70.0	17.5	20.5	66.0	12.8	90.2	9.4	.3	17.8	21.5	1.3	8.1	4.7
Extraction of Minerals	93	152	96.7	3.3	9.9	71.0	19.1	32.2	62.5	4.6	95.4	4.6	0	14.5	13.1	0	4.6	5.3
Production & Distribution of Utilities	95	40	95.0	5.0	15.0	75.0	10.0	12.5	70.0	17.5	77.5	22.5	0	22.5	52.5	2.5	15.0	5.0
Amusement & kindred, N.E.C.	96	12	83.3	16.7	16.7	83.3	0	8.3	75.0	8.3	83.3	16.7	0	16.7	33.3	0	8.3	0
Graphic Art Work	97	93	48.4	51.6	15.0	64.5	20.4	6.4	68.8	24.7	88.2	10.8	1.1	21.5	20.4	3.2	10.8	4.3
PARTIALS & INVALID CODES	99	558	46.8	52.9	14.5	71.9	13.6	18.8	67.7	13.3	60.0	39.1	1.1	55.2	6.6	24.4	3.2	14.0

*W-White, B-Black, O-Other

D. Industry Employment Trends - Tennessee, 1980-82 (Short-Term Outlook)

During the year 1980, 80 manufacturing firms announced their intentions to build new plants in Tennessee. One hundred and twenty-nine (129) existing plants announced plans to expand their facilities and/or employment during this same period. The total investment for both new plants and expansions as announced was $1,776,364,000 with 12,754 job opportunities created by these plans.

Capital investment in 1980 was 200.0 percent higher than in 1979, the most ever invested in Tennessee's history. The 1980 new plant investment was 286.2 percent higher than in 1979. The 1980 expansion investment was higher by 141.6 percent.

The ranking of investment for new plants by Standard Industrial Classification shows Transportation Equipment (Major Group 37) as the largest course of new plant investment in the state. Food and Kindred Products (Major Group 20) moved into second place this year with Printing and Publishing Industries (Major Group 27) taking third. Electrical and Electronic Machinery (Major Group 36) and Machinery Except Electrical (Major Group 35) placed fourth and fifth in the ranking. (See charts on following pages)

Energy, interest rates, profit margins, and consumer demands are all key issues for the employment outlook in Tennessee's industry for 1982. Instability in the market place is causing extreme skepticism and caution.

The high cost of oil products and electricity is the most serious problem facing industry in Tennessee. Because of the higher cost of energy, lower

Source: Tennessee Department of Economic and Community Development.

D. Industry Employment Trends - Tennessee, 1980-82 (Short-Term Outlook) (Cont.)

profit margins, and fewer capital investment funds (with higher interest rates) we believe industry will suffer from layoffs with periods of long-term unemployment.

Personal consumption or consumer demand is expected to decline from mid-summer 1980 through fall 1981 causing the recession to extend into the winter of 1982.

One sector of industry expected to be more affected than others is housing, or the construction industry. In the spring and summer of 1981, we expect to see fewer housing starts than at any time since the beginning of the 1975 recession. Again, "tight" money and high interest rates will be the main contributors.

The general conclusion to be drawn shows fewer hirings and more layoffs. The industry employment trend for 1981-82 in Tennessee will be one of stability and possibly decline--rather than growth.

TABLE VII

1980 Tennessee Growth Report

New Plants & Expansions
Projects, Job Opportunities and Investment

	New Plants	Expansions	Totals
EAST TENNESSEE			
Number of Projects	26	55	81
Job Opportunities	1,827	2,367	4,194
Capital Investment	$265,535,000	$636,355,000	$901,890,000
MIDDLE TENNESSEE			
Number of Projects	30	35	65
Job Opportunities	4,188	1,470	5,658
Capital Investment	$633,450,000	$75,400,000	$708,850,000
WEST TENNESSEE			
Number of Projects	24	39	63
Job Opportunities	1,279	1,623	2,902
Capital Investment	$23,909,000	$141,715,000	$165,624,000
TENNESSEE			
Number of Projects	80	129	209
Job Opportunities	7,294	5,460	12,754
Capital Investment	$922,894,000	$853,470,000	$1,776,364,000

Source: Economic and Community Development

TABLE VIII

INDUSTRIAL GROWTH IN TENNESSEE
1976-1980
NEW PLANTS AND EXPANSIONS
NUMBER, INVESTMENT, AND JOB OPPORTUNITIES

	Number			Investment			Job Opportunities			
Year	Total	New	Expansions	Total ($)	New ($)	Expansions ($)	Total	New	Expansions	Year
1980	209	80	129	1,776,364,000	922,894,000	853,470,000	12,754	7,294	5,460	1980
1979	241	90	151	592,219,000	238,945,000	353,274,000	14,864	5,942	8,922	1979
1978	240	104	136	579,876,000	212,002,000	367,874,000	14,424	7,674	6,750	1978
1977	336	141	195	575,091,000	177,555,000	397,536,000	18,469	9,542	8,927	1977
1976	291	97	194	470,851,000	215,064,000	255,787,000	16,835	7,967	8,868	1976
1975	232	94	138	295,609,000	160,463,000	135,146,000	11,488	6,203	5,285	1975
1974	251	105	146	612,111,100	318,464,000	293,647,100	16,611	9,212	7,399	1974
1973	421	182	239	626,263,626	278,937,000	347,326,626	40,523	22,834	17,689	1973
1972	355	149	206	397,558,700	129,025,000	268,533,700	28,796	16,114	12,682	1972
1971	376	168	208	288,758,142	136,137,000	152,621,142	28,054	15,282	12,772	1971
1970	357	145	212	282,009,380	130,436,000	151,573,380	28,882	18,041	10,841	1970
1969	427	153	274	663,157,042	193,496,400	469,660,642	32,923	17,970	14,953	1969
1968	400	129	271	393,595,091	122,228,073	271,367,500	40,556	17,537	23,019	1968
1967	374	135	239	496,909,500	215,942,000	280,967,500	41,688	22,308	19,380	1967

Source: Economic and Community Development

TABLE IX

NEW PLANT INVESTMENT RANKED BY S.I.C. (1976 - 1980)

Rank	S.I.C.	1976	Amount ($ millions)	% of Total
1	20	Food and Kindred Products	32.3	15.0
2	35	Machinery Except Electrical	16.7	7.7
3	30	Rubber & Plastic Products	15.1	7.0
4	37	Transportation Equipment	13.1	6.1
5	33	Primary Metal Industries	12.9	6.0
		1977		
1	33	Primary Metal Industries	36.4	20.7
2	20	Food & Kindred Products	24.4	13.8
3	34	Fabricated Metal Products	18.4	10.5
4	36	Electrical & Electronic Machinery	14.6	8.3
5	37	Transportation Equipment	13.2	7.5
		1978		
1	32	Stone, Clay, Glass & Concrete Products	85.3	40.5
2	36	Electrical & Electronic Machinery	29.9	14.2
3	37	Transportation Equipment	22.7	10.8
4	35	Machinery Except Electrical	22.3	10.6
5	34	Fabricated Metal Products	16.3	7.8
		1979		
1	35	Machinery Except Electrical	83.0	34.7
2	33	Primary Metal Industries	54.0	22.6
3	26	Paper & Allied Products	24.4	10.2
4	36	Electrical & Electronic Machinery	21.0	8.8
5	37	Transportation Equipment	11.0	4.6
		1980		
1	37	Transportation Equipment	522.5	56.6
2	20	Food & Kindred Products	218.4	23.7
3	27	Printing & Publishing	72.8	7.9
4	36	Electrical & Electronic Machinery	30.1	3.3
5	35	Machinery Except Electrical	16.1	1.7

Source: Economic and Community Development

E. Industry Employment Trends - Tennessee, 1970 - 1985 (Long-term Outlook)

The expansion of industry in Tennessee is expected to create 599,690 new jobs in the labor market during the 1970 to 1985 period. This section will identify relative trends within major industrial divisions and attempt to characterize their growth and its effects on the labor force.

Agriculture, Forestry, Fisheries

Employment within this major industrial division will continue to show a steady decline. About 30,110 jobs existing in 1970 in agriculture are expected to be lost by 1985. The only industry within this division projected to increase is the forestry group, employing about 2,000 people statewide by 1985.

Mining

With increased energy demand, mining employment in Tennessee is expected to reverse its recent decline in Tennessee by realizing a 22 percent increase in manpower demands during the 1974-1985 period.

Construction

The fourth largest industry group in Tennessee, construction, will create 72,100 new jobs between 1970 and 1985. General contractors and special trade contractors will lead in employment gains within this industry. Nevertheless, building contractors manpower demands will also expand at about the average rate of 21 percent.

Manufacturing

Tennessee's healthy diversification of manufacturing industries will continue to provide the labor force with the valuable resiliency evidenced in the first half of this decade.

Durable goods manufacturers will comprise an increasing percentage of the total employment in this major industrial division. While nondurable goods will still employ about 14 percent more people than durable goods in 1985, new jobs will be required in durable goods to meet the rising manpower demands of expanding manufacturers in this group.

Transportation, Other Public Utilities

While 22,380 new jobs will result from demand in this industrial sector, only a moderate increase will be evident in 1985 over the 1970 total. An employment level of 110,530 is expected, representing a rate of growth of about 25.4 percent.

Wholesale and Retail Trade

Employment opportunities because of industrial growth in trade are expected to be slightly above average, due primarily to the healthy increase in employment levels of retail trade by 45.8 percent between 1970 and 1985. Employing 406,000 workers in 1985, the trade industry will see a 42.3 percent increase over the 1970 level.

As in the past, the largest employer in this sector will be the retailer, employing 300,620 Tennesseans by 1985. New jobs are expected to become available in all divisions of this sector, except furniture and appliances, where only slight gains are probable.

The wholesale portion of trade should grow at a slightly faster rate than retail between 1978 and 1985. This is a reversal of past trends and is indicative of an improving economy. About 26,000 new jobs, representing a 33 percent increase, should become available by 1985.

Finance, Insurance, Real Estate

The total employment figure for this broad industrial segment should reach 90,590 by 1985, an increase of 48.6 percent over the 1970 level. Most of the manpower demand will take place in finance with a substantial increase of 67 percent occuring by 1985 in total employment demand. New opportunities in insurance, the second largest employer in this segment, will increase by 14 percent. Expansion in the real estate industry is predicted to create 9,000 new jobs between 1970 and 1985. However, 68 percent of these gains were made during the 1970-1974 prerecession period.

Services, Total

Establishments within the services industry are the fastest growing employers in the state. This sector includes businesses such as bowling alleys and dental offices.

Industries classified as "miscellaneous business services" will offer a high number of new job opportunities during the 15 year period preceding 1985. A 152 percent increase will yield 30,830 new jobs in such field as advertising, business management, protection, and temporary employment.

An additional 71,500 jobs will be required to fulfill manpower demands during the 1970-1985 period in the medical group and in the group called "other services." This expansion by 87 percent should be experienced by all segments of medical services.

Public Administration

Employment in this area of government is projected to reach 82,730 by the mid 1980's. State public administration will provide almost 40 percent of the new opportunities in public administration, while federal administration continues to expand at about the average rate of all industries for the 1970-1985 period. New demand by local governments for those trained in public administration should be relatively moderate.

TABLE X

TENNESSEE

NONAGRICULTURAL EMPLOYMENT BY INDUSTRY

Industry	1976 Employment	1982 Projected Employment	Percent Change
Total, All Industries	1,559,000	1,905,400	22.20
Mining	8,900	9,800	10.10
Construction	73,800	88,300	19.60
Manufacturing	481,700	609,800	26.60
Durable	204,800	249,500	21.80
Nondurable	276,900	360,300	30.10
Transportation, Other Public Utilities	73,800	97,300	31.80
Wholesale and Retail Trade	339,500	387,400	14.10
Wholesale Trade	99,000	111,200	12.30
Retail Trade	240,500	276,200	14.80
Finance, Insurance, Real Estate	68,500	87,900	28.30
Services, Total	366,600	441,300	20.40
Government, Total	146,200	183,600	25.60

Source: Tennessee Department of Employment Security, Research and Statistics; Employment Outlook 1976-1982.

TABLE XI

TENNESSEE SELECTED INDICATORS

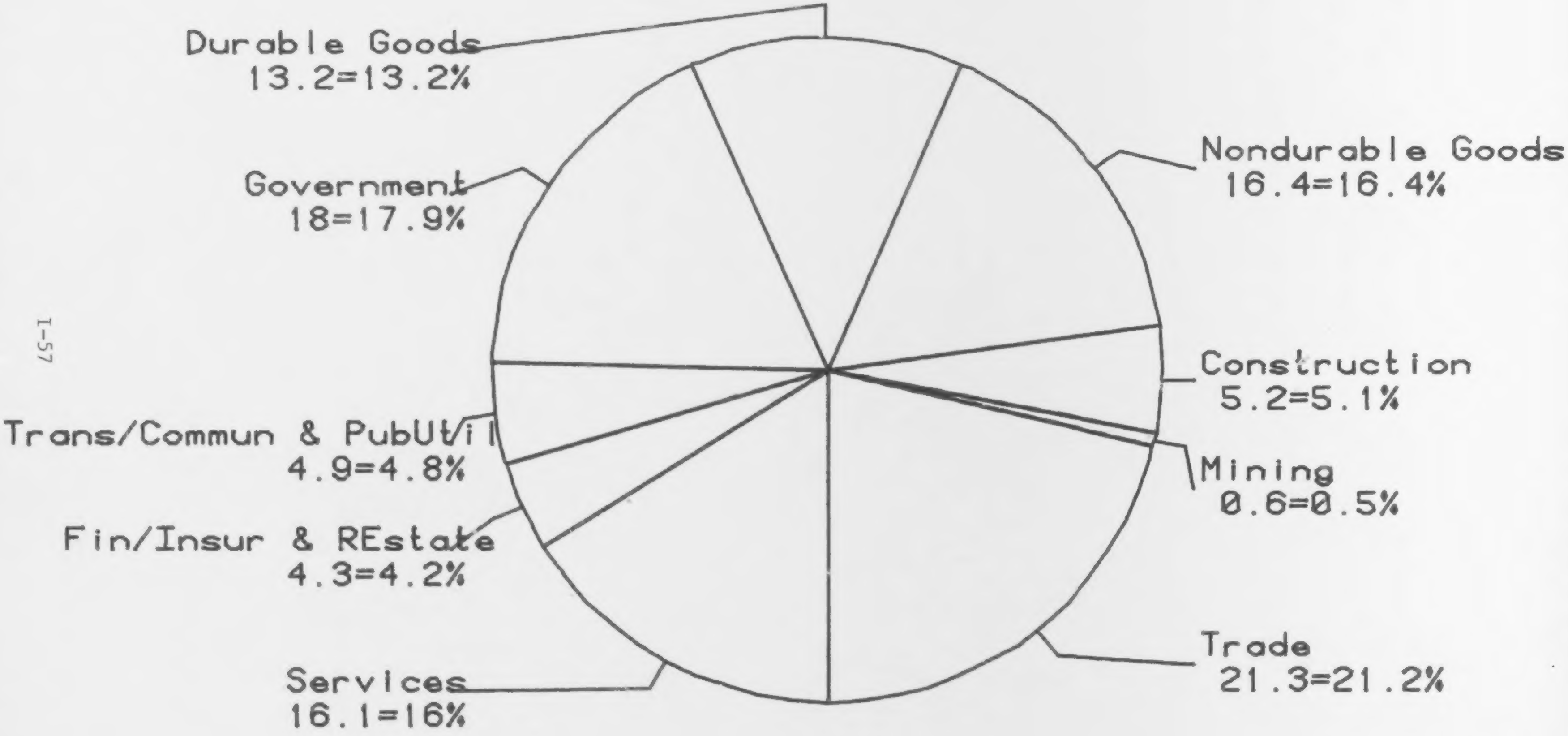
1979-1982

Description	1979	1980	1981	1982
Tennessee Gross State Product (Millions of current dollars)	43,540.	46,764.	51,466.	57,717.
Percent Change	9.69	7.41	10.05	12.14
Tennessee Gross State Product (Millions of 1972 dollars)	26,638.9	26,321.1	26,507.0	27,593.5
Percent Change	1.40	-1.19	0.71	4.10
U.S. Gross National Product (Billions of 1972 dollars)	1,431.7	1,433.6	1,445.4	1,495.9
Percent Change	2.32	0.13	0.82	3.49
Tennessee Employed Persons (Thousands)	1,864.6	1,874.2	1,883.3	1,911.4
Percent Change	2.73	0.52	0.48	1.49
U.S. Employed Persons (Thousands)	96,947.	97,866.	98,503.	100,055.
Percent Change	2.73	0.95	0.65	1.58
Tennessee Unemployment Rate	5.8	7.5	7.9	7.3
U.S. Unemployment Rate	5.8	6.7	7.4	7.0
Tennessee Manufacturing Output per Employee (Thousands of 1972 dollars)	18.1	17.8	18.0	18.6
Percent Change	-0.31	-1.22	0.88	3.22
U.S. Manufacturing Output per Employee (Thousands of 1972 dollars)	16.6	16.6	17.0	17.4
Percent Change	-1.02	-0.24	2.37	2.74
Tennessee Per Capita Income (Current Dollars)	7,296.	7,922.	8,652.	9,518.
Percent Change	10.79	8.59	9.21	10.01
Tennessee Population (Thousands)	4,380.	4,425.	4,473.	4,517.
Percent Change	1.10	1.03	1.10	0.98

Source: Tennessee Econometric Model, Center for Business and Economic Research, College of Business Administration, The University of Tennessee, Knoxville, August 1980.

GRAPH III

Distribution of Nonagricultural Employment in Tennessee



F. TENNESSEE NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

Due to the growing interest in the concentration of manufacturing employment and its relation to an area's vulnerability to economic cyles, we will periodically calculate the percentage of nonagricultural employment engaged in manufacturing by county and SMSA. We plan to produce this data at least twice per year.

Nationwide, 22 percent of the total nonagricultural employment was involved in manufacturing in January. Tennessee's concentration was somewhat higher at 29 percent. Of the metropolitan areas, Memphis (17%), Nashville (22%) and Knoxville (26%) were lower than the state; Clarksville (31%) and Johnson City (39%) were higher, and Chattanooga (29%) was the same. Of the 72 non-SMSA counties, 65 had relatively more manufacturing employment than the state and 7 had less. Of the counties and SMSA's with a higher concentration of manufacturing than the state, 87 percent had higher unemployment rates than the state in January. Only 55 percent of the areas with less manufacturing had unemployment rates higher than the state. All of those with low manufacturing concentration and high unemployment were small counties with less than 10,000 nonagricultural workers.

It appears from this analysis, that in general, the SMSA's and Madison County (the largest of the non-SMSA counties) are faring better than the state and nation during this recession largely because of their lesser dependence on manufacturing. There are several exceptions evident apparently due to the types of manufacturing industries found in these areas.

Source: Tennessee Nonagricultural Wage and Salary Employment; Tennessee Department Employment Security Research and Statistics

TABLE XII

TENNESSEE NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

JANUARY 1981

	MFG. (%)	NONMFG.	TOTAL
TENNESSEE	497.8 (29)	1,204.3	1,702.1
*Chattanooga	48.9 (29)	117.2	166.1
*Clarksville	6,710 (31)	14,650	21,360
*Johnson City	52.4 (39)	83.5	135.9
*Knoxville	52.6 (26)	147.3	199.9
*Memphis	59.0 (17)	296.7	355.2
*Nashville	78.9 (22)	276.8	355.7
Bedford	4,450 (48)	4,840	9,290
Benton	910 (32)	1,970	2,880
Bledsoe	330 (21)	1,250	1,580
Bradley-Polk	13,230 (48)	14,520	27,750
Campbell	1,740 (26)	4,960	6,700
Cannon	1,160 (52)	1,070	2,230
Carroll	3,220 (45)	3,960	7,180
Chester	1,070 (34)	2,070	3,140
Claiborne	1,660 (39)	2,550	4,210
Clay	800 (47)	890	1,690
Cocke	2,600 (52)	2,410	5,010
Coffee-Moore	5,660 (32)	12,170	17,830
Crockett	810 (38)	1,350	2,160
Cumberland	2,030 (30)	4,800	6,830
Decatur	2,040 (57)	1,520	3,560
DeKalb	1,360 (41)	1,920	3,280
Dyer	5,010 (45)	6,210	11,220
Fayette	1,770 (44)	2,290	4,060
Fentress	1,460 (47)	1,620	3,080
Franklin	1,540 (27)	4,200	5,740
Gibson	7,640 (52)	6,970	14,610
Giles	4,330 (55)	3,510	7,840
Grainger	780 (43)	1,040	1,820
Greene	9,020 (52)	8,220	17,240
Grundy	600 (36)	1,050	1,650
Hamblen	11,410 (59)	7,810	19,220
Hancock	90 (12)	630	720
Hardeman	2,250 (37)	3,810	6,060
Hardin	2,700 (44)	3,390	6,090
Haywood	1,520 (38)	2,490	4,010
Henderson	2,780 (53)	2,440	5,220
Henry	3,590 (45)	4,370	7,960
Hickman	1,340 (46)	1,550	2,890
Houston	400 (34)	790	1,190
Humphreys	2,790 (47)	3,200	5,990
Jackson	740 (44)	960	1,700
Jefferson	2,530 (41)	3,630	6,160
Johnson	2,190 (71)	910	3,100
Lake	630 (38)	1,010	1,640
Lauderdale	3,560 (54)	3,010	6,570
Lawrence	5,250 (55)	4,260	9,510
Lewis	1,440 (61)	930	2,370
Lincoln	2,260 (37)	3,850	6,110
Loudon	3,660 (55)	3,040	6,700
Macon	1,820 (48)	1,940	3,760
Madison	8,400 (28)	21,190	29,590
Marshall	4,230 (60)	2,860	7,090
Maury	6,630 (39)	10,460	17,090
McMinn	7,800 (54)	6,520	14,320
McNairy	3,120 (57)	2,330	5,450
Meigs	320 (27)	880	1,200
Monroe	2,500 (45)	3,090	5,590
Moore	Included with	Coffee County	
Morgan	790 (34)	1,540	2,330
Obion	6,590 (54)	5,630	12,220
Overton	1,980 (46)	2,290	4,270
Perry	940 (60)	630	1,570
Pickett	690 (61)	440	1,130
Polk	Included with	Bradley County	
Putnam	6,360 (37)	10,930	17,290
Rhea	3,360 (44)	4,250	7,610
Roane	3,220 (33)	6,450	9,670
Scott	1,040 (27)	2,820	3,860
Sevier	2,620 (28)	6,810	9,430
Smith	1,490 (38)	2,430	3,920
Stewart	290 (10)	2,680	2,970
Trousdale	1,340 (52)	1,230	2,570
Van Buren	420 (52)	380	800
Warren	6,210 (58)	4,480	10,690
Wayne	1,820 (58)	1,330	3,150
Weakley	3,200 (38)	5,330	8,530
White	3,820 (62)	2,390	6,210

*CHATTANOOGA, TN-GA SMSA: Hamilton, Marion, Sequatchie Counties in TN. Dade, Catoosa, Walker Counties in GA.

*CLARKSVILLE, TN-KY SMSA: Montgomery County, TN. Only

*JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA. SMSA: Carter, Hawkins, Sullivan, Unicoi, Washington Counties, TN. Bristol City and Scott & Washington Counties, VA.

*KNOXVILLE SMSA: Anderson, Blount, Knox, Union Counties.

*MEMPHIS, TN-ARK SMSA: Shelby, Tipton Counties, TN. & Crittenden County, ARK.

*NASHVILLE SMSA: Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, Wilson Counties.

Source: Tennessee Department of Employment Security
Research and Statistics Section

G. Occupational Trends (Tennessee)

Tennessee employment averaged approximately 1,870,000 people in 1980. This number should grow to over 2,120,000 by 1985.

To manpower and vocational education planners, occupational trends serve as valuable indicators of training requirements for our labor force. In this section, we discuss our projections for each occupational category in terms of significant occupations and their future in the Tennessee labor force.

Professional, Technical, Kindred

This category includes personnel whose education and training meet demands for academic, scientific and technical knowledge.

Statewide employment of teachers, the largest single profession in this group, will reach 72,090 by 1982, up from a 1976 level of 61,400. This meager rate of growth is due to a decline in the number of births during the last decade.

A significant increase in employment within the health care field will be evident by 1982, with a 24.7 percent growth in the medical workers category and a 26.8 percent rate of growth in the health technologist and technician category since 1976. Opportunities within the medical and health field will be many, especially in areas such as inhalation therapist, nurses, and many technicians.

Demand for technical engineers will be high during this period with the greatest being for electrical engineers.

Managers, Officials

Total employment in this category will grow by almost 24 percent and 16,830 jobs from 1976 to 1982.

The largest subgroup in this occupational category is a miscellaneous one including such diverse occupations as railroad conductors, pilots, funeral directors and officials of lodges and unions. This subgroup will account for most of the projected expansion during this period.

Sales Workers

A steady growth of employment will be experienced by this group of workers. The number of sales occupations will increase by 14.7 percent with approximately 13,820 new jobs from 1976 to 1982. A dramatic increase will be recorded in the number of real estate brokers and real estate agents in Tennessee between 1976 and 1982.

Clerical Workers

Legal and medical secretaries will be in exceptionally high demand. Typists and secretaries will also experience a faster than average growth. Billing clerks, bank tellers, teachers' aides and receptionists are projected to have growth rates above average.

Job losses will occur for postal clerks and mail carriers, as these skills become more and more automated.

Craftsmen and Kindred Workers

Almost 14 percent of the state's employment should fall into this category by 1982, constituting over a 28 percent growth since 1976 and providing 57,000 new jobs.

Construction craftsmen, the largest group of skilled workers in the nation's labor force, will experience a greater than average growth in Tennessee from 1970 to 1985. Bulldozer operators, excavators, roofers and slaters should be among the fastest growing occupations in this subgroup with plasterers and their apprentices having a slight loss in employment.Metalworking craftsmen and mechanics, repairers and installers will experience steady gains from 1976 to 1982.

Transportation and public utility craftsmen will show gains in employment. Printing trade craft workers will experience the largest growth of any category. Showing a 147.5 percent increase from 1976 to 1982 every area within this category, especially compositors and typesetters, will be in great demand.

Operatives

Semiskilled persons employed as operatives belong to the largest of the occupational groups in Tennessee. They comprise approximately 22 percent of the total employment; 71,000 new jobs should be added between 1976 and 1982.

Semiskilled metalworking should have a steady growth from 1976 to 1982 with the largest number of openings occurring in the welders and flamecutters classification.

Service Workers

Service workers can fall into any of several categories, such as cleaning, food, health care, personal, protective or private household, according to the type of service offered. The total number of service workers will grow at a rate slightly lower than the average for all occupations, although in some areas, such as health service, growth will be substantial.

Manpower requirements for health service workers will be high with almost 45,000 new workers needed to meet demand by 1982. The highest demand within this subgroup will be for nurses' assistants, orderlies and practical nurses.

Cleaning service workers will also have an above average growth rate with a projected addition of 11,000 new jobs from 1976 to 1982.

All other subgroups will have fairly average growth with the exception of private household workers, which will have a substantial loss by 1982. This drop would be attributed to a tighter economic situation or a trend away from domestic help in the private household.

Laborers, Except Farm

This category includes all unskilled workers that are not classified elsewhere in specialized jobs, with the exception of farm laborers. This occupational group will experience a 23 percent growth in Tennessee from 1976 to 1982. Possibly due to more utilization of machinery to perform routine labor, some subgroups will decline or have only a small growth rate.

Construction laborers should add over 2,000 jobs to their ranks during this period and should be one of the largest occupations within this group.

TABLE XIII

STATE OF TENNESSEE

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

	1976 Employment	Projected 1982 Projected Employment	Per Year Number Change	Yearly Percent Change
Total All Occupations	1,559,260	1,905,380	57,687	3.7
Professional Technical and kindred	212,970	259,230	7,710	3.6
Managers, Official and Proprietors	115,370	142,200	4,472	3.9
Sales Workers	93,890	107,710	2,303	2.5
Clerical Workers	275,190	334,250	9,843	3.6
Crafts & Kindred Workers	203,330	260,560	9,538	4.7
Operatives	340,320	411,300	11,830	3.5
Service Workers	199,130	243,570	7,407	3.7
Laborers ex. Farm	119,060	146,450	4,565	3.9

Source: Tennessee Department of Employment Security, Research and Statistics, Employment Outlook 1976-1982.

TABLE XIV

TENNESSEE

AVERAGE ANNUAL JOB OPENINGS

1976 - 1982

The following represents a detailed occupational breakout of expected job openings to 1982. Job openings represent the total openings due to industrial expansion demand, and openings due to separations. Separation from the labor force may result from death, retirement, disability or temporary withdrawal for personal reasons.

			DUE TO	
OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	NEW JOBS	SEPARATIONS
Total, All Occupations	111,198	100.00	57,745	53,453
Professional, Technical & Kindred Workers	14,820	13.33	7,712	7,111
Engineers	850	0.77	535	316
Chemical Engineers	60	0.05	50	10
Civil Engineers	196	0.17	104	82
Electrical Engineers	117	0.11	69	48
Industrial Engineers	100	0.09	68	33
Mechanical Engineers	169	0.15	115	54
Other Engineers	220	0.20	134	86
Life and Physical Scientists	133	0.12	75	58
Chemists	53	0.05	34	19
Other Life, Physical Scientist, N.E.C.	105	0.09	54	51
Engineering Science Technicians	1,147	1.03	856	291
Drafters	294	0.26	242	52

TENNESSEE

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO	
			NEW JOBS	SEPARATIONS
Electrical, Electronic Tech.	200	0.18	148	52
Surveyors	54	0.05	40	14
All other Engineering, Science Technicians, N.E.C.	599	.0054	426	173
Medical Workers, Ex. Techns.	1,375	1.24	738	637
Dietitians	54	0.05	22	32
Nurses & Physicians Assts.	868	0.78	431	437
Nurses, Professional	844	0.76	418	426
Pharmacists	142	0.13	60	82
Physicians, Med. & Opteopath.	206	0.19	161	45
Therapists	60	0.05	37	23
All other Medical Workers, ex. tech., N.E.C.	45	0.04	27	18
Health Technols. & Techns.	1,554	1.40	855	699
Clinical Lab. Technols., Techns.	217	0.20	130	87
Medical Lab Technologists	111	0.10	65	46
Medical Lab Assistants	94	0.08	57	37
All other Clinical Lab Tech.	12	0.01	8	4
Dental Hygienists & Assists.	219	0.20	119	100
Radiologic Technols, Techns.	95	0.09	60	35
Other Health Technol., Techns.	1,023	0.92	546	477
Technicians, Ex. Health or Science & Engineering	375	0.34	246	129
Airplane Pilots	120	0.11	99	21
Other technicians, N.E.C.	255	0.23	147	108
Computer Specialist	169	0.15	131	38
Computer Programmers	101	0.09	75	26

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Computer Systems Analysts	68	0.06	56	12
Social Scientists	73	0.07	55	18
Teachers	4,229	3.80	1,785	2,488
Adult Education Teachers	97	0.09	47	50
College & University Teachers	637	0.57	314	323
Elementary School Teachers	1,967	1.77	749	1,218
Preschool, Kindergarten Teachers	227	0.20	102	125
Secondary School Teachers	1,045	0.94	487	558
Teachers, N.E.C.	256	0.23	86	170
Writers	574	0.52	335	239
Designers	118	0.11	69	49
Editors & Reporters	136	0.12	62	74
Writers and/or Editors	72	0.06	35	37
Reporters & Correspondents	60	0.05	25	35
Musicians	85	0.08	43	42
Photographic Occupations	54	0.05	36	18
Public Relations Specialists	76	0.07	37	39
Radio, T.V. Announcers	91	0.08	79	12
Accounting Occupations	882	0.79	523	359
Accountants and Auditors	695	0.63	400	295
Tax Preparers	143	0.13	99	44
Architects	59	0.05	33	26
Buyers Occupations	401	0.36	164	237
Purchasing Agents and/or Buyers	138	0.12	77	61
Clergy	320	0.29	21	299

			DUE TO	
OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	NEW JOBS	SEPARATIONS
Judicial Occupations	425	0.38	137	288
Judges	91	0.08	28	63
Magistrates	334	0.30	109	225
Lawyers & Kindred Workers	194	0.17	73	121
Lawyers	142	0.13	53	89
Librarians & Related Workers	313	0.28	130	183
Personnel & Employment Workers	296	0.27	177	119
Personnel, Labor Rel. Specialists	185	0.17	108	77
Employment Interviewer	112	0.10	70	42
Recreation Workers	95	0.09	64	31
Social Workers	194	0.17	107	87
Vocational Educ. Counselors	143	0.13	73	70
Misc. Professional Workers	964	0.87	575	389
Underwriters	63	0.06	33	30
Cost Estimators	65	0.06	33	32
Credit Analysts	54	0.05	34	20
Managers and Officials	9,465	8.51	4,471	4,994
Sales Manager	214	0.19	95	119
Administrators, Pub. Inspectors	253	0.23	103	150
Construction Inspec., Put. Ad.	59	0.05	21	38
Inspectors, Ex. Const., Pub. Ad.	160	0.14	76	84
Other Managers and Officials	8,999	8.09	4,274	4,725
Railroad Conductors	65	0.06	29	36
Other Mgrs. Administrator	8,934	8.03	4,245	4,689

TENNESSEE

			DUE TO	
OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	NEW JOBS	SEPARATIONS
Store Managers	927	0.83	332	595
Managers, Auto Service Dept.	60	0.05	22	30
Wholesalers	221	0.20	73	148
All Other Managers, & Officials	7,725	6.95	3,817	3,908
Sales Workers	6,[illegible]26	5.60	2,299	3,927
Demonstrators	68	0.06	37	31
Insurance Agents, Brokers, etc.	250	0.22	134	116
Real Estate Agents, Brokers	88	0.08	37	51
Stock & Bond Sales Agents	64	0.06	39	25
Miscellaneous Sales Workers	5,757	5.18	2,053	3,704
Sales Clerks	2,530	2.28	802	1,728
All other sales workers	3,227	2.90	1,251	1,976
Clerical Workers	19,345	17.40	9,839	9,506
Steno, Typist, Secretaries	3,948	3.55	1,879	2,069
Secretaries	2,678	2.41	1,242	1,436
Stenographers	247	0.22	122	125
Typists	1,024	0.92	516	508
Office Machine Operators	951	0.86	539	412
Bookkeeping, Billing Operators	396	0.36	213	183
Computer, Peripheral Equip. Oper.	110	0.10	88	22
Keypunch operator	357	0.32	189	170
All other office machine Opers.	86	0.08	49	37
Other Clerical Workers	14,447	12.99	7,422	7,025
Bank Tellers	520	0.47	312	208
Bookkeepers	1,861	1.67	897	964
Cashiers	1,504	1.35	612	892

TENNESSEE

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Eligibility Workers, Welfare	64	0.06	40	24
Clerical Supervisors	354	0.32	219	135
Collectors, Bill & Account	151	0.14	84	67
Counter Clerks, Ex. Food	459	0.41	183	276
Dispatchers, Starters, Vehicle	87	0.08	55	32
Estimators, Investigators, N.E.C.	190	0.17	107	83
Production Clerks	207	0.19	146	61
File Clerks and Related Workers	356	0.32	187	169
Claims Workers, Insurance	55	0.05	32	23
Library Assistants	116	0.10	52	64
Mail Carrier, Postal Services	308	0.28	93	215
Meter Readers, Utilities	106	0.10	77	29
Payroll, Time Keeping Clerks	232	0.21	118	114
Postal Clerks	56	0.05	17	39
Proofreaders	129	0.12	99	30
Receptionists & Related Workers	763	0.69	380	383
Receptionists	516	0.46	260	256
Switchbd. Ops./Receptionists	247	0.22	123	124
Shipping, Receiving Occupations	849	0.76	499	350
Shipping & Receiving Clerks	445	0.40	259	186
Shipping Packers	402	0.36	239	163
Statistical Clerks	130	0.12	70	60
Stock Clerks, Store Keepers	813	0.73	412	401
Telephone Operators	519	0.47	313	206
Switchboard Operators	149	0.13	74	75

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Central Office Operators	246	0.22	159	87
Directory Assistance Operators	116	0.10	75	41
Ticket, Station, Express Agents	74	0.07	55	19
Weighers	64	0.06	27	37
All Other Clerical Workers	4,483	4.02	2,339	2,144
General Office Clerks	2,462	2.21	1,271	1,191
Service Representative	91	0.08	61	30
Insurance Clerks, Medical	104	0.09	59	45
All other office clerical, N.E.C.	1,826	1.64	948	878
Crafts & Kindred Workers	15,285	13.75	9,535	5,750
Construction Crafts Wkrs.	3,141	2.82	1,632	1,509
Carpenters & Related Workers	998	0.90	455	543
Brickmason & Stonemasons	180	0.16	112	68
Cement & Concrete Finishers	87	0.08	55	32
Electricians	387	0.35	193	194
Excavating, Grading Mach. Op.	544	0.49	335	209
Painters, Construction, Maint.	326	0.29	166	160
Plumbers & Plumbing Occupations	337	0.30	149	188
Roofers	57	0.05	36	21
Structural Steel Workers	95	0.09	56	39
Tile Installing occupations	101	0.09	63	38
Blue Collar Supervisors	1,960	1.76	1,227	733
Metalworking Crafts Wkrs., Ex. Mech.	1,012	0.91	594	418
Job & Die Setters, Metal	107	0.10	79	28

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Machining Occupations	336	0.30	181	155
Layout Markers, Metal	54	0.05	35	19
Machinists	282	0.25	146	136
Millwrights	149	0.13	90	59
Sheet Metal Workers, Tinsmiths	193	0.17	114	79
Toolmakers and Die Makers	106	0.10	66	40
Mech., Repairers, Installers	2,248	2.02	1,280	968
Air Cond., Heating, Refrig. Mechs.	66	0.06	33	33
Auto Body Repairers	100	0.09	61	39
Auto Mechanics & Related Workers	647	0.58	360	287
Heavy Equip. Mechs, Includ. Diesel	733	0.66	432	301
Household Applicance Mech & Inst.	63	0.06	42	21
Railroad Car Shop Repairers	58	0.05	27	31
Other Mechanics, Repairers & Installers	406	0.37	215	191
Printing Trade Crafts Workers	2,598	2.34	2,223	375
Bookbinding Occupations	156	0.14	89	67
Bindery Workers	98	0.09	62	36
Other Printing Trade Craft Wkrs.	44	0.04	20	24
Compositors & Typesetters	1,022	0.72	875	147
Hand Compositors	237	0.21	205	32
Imposers & Makeup Arrangers	93	0.08	79	14
Linecasting Machine Operators	323	0.29	289	34
Linecasting Machine Tenders	68	0.06	60	8
Linecasting Machine Keybd. oper.	165	0.15	146	19
Pasteup men/women	59	0.05	38	21

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	SEPARATIONS
Other Compositors & Typesetters	77	0.07	58	19
Electrotypers, Stenotypers	276	0.25	247	29
Photoengravers, Lithographers	774	0.70	715	59
Strippers	370	0.33	342	28
Camera Operators, Printing	232	0.21	214	18
Photoengravers	172	0.15	159	13
Press and Plate Printers	357	0.32	286	71
Press Operators, Plate Printers	59	0.05	45	14
Offset Lithographic Press Op.	129	0.12	106	23
Platemakers	86	0.08	77	9
Letter Press Operators	52	0.05	32	20
Other Press & Plate Printers	31	0.03	26	5
Transportation, Pub. Util. Craft Wkrs.	506	0.46	404	102
Electric Power Line Inst. Repairers	120	0.11	86	34
Locomotive Engineering Occup.	50	0.04	20	30
Telephone Installers, Repairers	335	0.30	297	38
Installers, Repairers, See Maint.	82	0.07	72	10
Station Installers	89	0.08	78	11
Central Office Repairers	77	0.07	68	9
All Other Telephone Installers	87	0.08	79	8
Other Craft and Kindred Workers	3,822	3.44	2,177	1,645
Cabinetmakers	94	0.08	46	48
Crane, Derrick, Hoist Occups.	115	0.10	76	39

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Inspectors	1,283	1.15	570	713
Stationary Engineering Occup.	169	0.15	86	83
Tailors	55	0.05	11	44
Upholstering Occupations	216	0.19	150	66
Crafts & Kindred Workers, N.E.C.	1,890	1.70	1,238	652
Operatives	20,515	18.45	11,893	8,622
Operatives, Ex. Transportation	13,012	11.70	7,395	5,617
Semiskilled Metalworking Ops.	1,348	1.21	904	444
Drill Press Operatives	102	0.09	69	33
Grinding/Abrading Mach. Ops. Metal	95	0.09	68	27
Lathe, Milling Mach Operatives	180	0.16	116	64
Other Precision Mach Ops.	235	0.21	155	80
Punch, Stamping Press Ops.	236	0.21	156	80
Welders & Flame Cutters	501	0.45	341	160
Semi-skilled Textile Op.	655	0.59	352	303
Knitters, Loopers, & Toppers	79	0.07	28	51
Spinners, Twisters & Winders	395	0.36	238	157
Beam Warpers Tenders &/or Beamers	50	0.04	34	16
Doffers	140	0.13	95	45
Yarn Winders	79	0.07	51	28
Other Spinners, Twisters & Winders	126	0.11	58	68
Other Textile Operatives	181	0.16	86	95
Semi-skilled Packing, Inspecting Ops.	1,117	1.00	642	475
Packers, Wrappers, Ex. meat, Prod.	1,051	0.95	596	455

			DUE TO	
OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	NEW JOBS	SEPARATIONS
Production Packagers	708	0.64	41	289
Bundlers	68	0.06	41	27
Baggers	276	0.25	138	138
Other Operatives, Ex. Transporation	9,892	8.90	5,497	4,395
Asemblers	1,165	1.05	556	609
Surveys Helpers	57	0.05	44	13
Clothing Ironers & Pressers	274	0.25	73	201
Pressers, Hand	73	0.07	38	35
Pressers, Machine	112	0.10	33	79
Other Pressers	90	0.08	3	87
Cutting Operatives, N.E.C.	145	0.13	106	39
Dry Wall Installers, Lathers	59	0.05	46	13
Filers, Polishers, Sanders, Buffers	154	0.14	106	48
Garage Workers, Gas Stat. Attns.	641	0.58	310	331
Laundry, Dry Claeaning Ops, N.E.C.	109	0.10	-18	127
Oilers	66	0.06	39	27
Painters, Mfg. Articles	125	0.11	81	44
Photographic Process Workers	149	0.13	110	39
Sawyers	171	0.15	88	83
Sewers & Stitchers	3,524	3.17	1,925	1,599
Sewing Mach. Ops., Reg. Eqmt., Non Gar.	188	0.17	68	120
Sewing Mach. Ops. Spec. Eqmt., Gar.	289	0.26	171	118

TENNESSEE

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO	
			NEW JOBS	SEPARATIONS
Sewing Mach Ops. Reg. Eqmt., Gar.	2,963	2.66	1,656	1,307
Other Sewers & Stitchers	84	0.08	30	54
Shoemaking Machine Ops.	584	0.53	348	236
Furnace Tnds, Stokes, Ex Metal	101	0.09	50	51
Misc. Mach. Ops, Paper & Allied Prod.	166	0.15	118	48
Misc. Mach. Ops, Chem. & Allied Prod.	696	0.36	445	251
Spinners, Synthetic Filaments	169	0.15	119	50
Draw Machine Operators	101	0.09	69	32
Chemical Operators A	118	0.11	69	49
Chemical Operators B	170	0.15	99	71
Other Chem. & Allied Prod. Mach. Ops.	138	0.12	89	49
Misc. Mach Ops., Rubber & Misc. Plas.	452	0.41	340	112
Tire Builder	58	0.05	36	22
Press Tenders, Rubber Goods	62	0.06	51	11
Compr. &/or Inject Mold Ma. Ops.	219	0.20	170	49
Other Misc. Mach. Oper. Rubber & Misc. Plas.	113	0.10	83	30
Misc. Mach Ops. Clay, Stone & Glass	124	0.11	101	23
Misc. Mach Ops, Mfg. N.E.C.	1,130	1.02	629	501
Operatives, N.E.C., Durable Goods	104	0.09	80	24
Operatives, N.E.C., Nondurable Goods	318	0.29	172	146
Operatives, N.E.C., Non-Manufacturing	81	0.07	52	29

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARTIONS
Transport Equip. Operatives	3,755	3.38	2,282	1,473
Bus Drivers	285	0.26	164	121
Delivery & Route Workers	893	0.80	488	405
Fork Lift, Tow Motor Ops.	491	0.44	342	149
Taxicab Drivers, Chauffeurs	143	0.13	73	70
Ambulance Drivers and Attendants	65	0.06	34	31
Taxi Drivers	62	0.06	33	29
Truck Drivers Occupations	1,889	1.70	1,199	690
All Other Semi-Skilled Workers	3,747	3.37	2,215	1,532
Service Workers	16,733	15.05	7,406	9,327
Cleaning Service Workers	5,032	4.52	1,843	3,189
Food Service Workers	5,571	5.01	2,505	3,066
Bartenders	139	0.13	78	61
Waiters Assistants	142	0.13	88	54
Cooks, Ex. Private	1,273	0.14	508	765
Cooks, Short Order/Spec. Fast Food	360	0.32	141	219
Cooks, Restaurant	431	0.39	170	261
Cooks, Institutional	483	0.43	198	285
Butchers &/or Meat Cutters	213	0.19	90	123
Waiters	1,435	1.29	692	743
Food Workers, N.E.C., Ex. Private	2,333	2.10	1,032	1,301
Health Service Workers	1,277	1.15	624	653
Personal Service Workers	1,256	1.13	527	729
Attns. Recreation, Amusement	141	0.13	72	69

OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Attns., Personal Services, N.E.C.	216	0.19	76	140
Funeral Attendents	58	0.05	20	38
Housekeepers, Hotel & Motel	105	0.09	35	70
Child Care Workers, Ex Private	111	0.10	21	90
Elevator Operators	52	0.05	18	34
Hairdressers, Cosmetologists	455	0.41	204	251
Welfare Service Aides	177	0.16	96	81
Protective Service Workers	2,671	2.40	1,447	1,224
Crossing Guard, Bridgetenders	92	0.08	69	23
Fire Fighting Occupations	474	0.43	367	107
Guards	1,324	1.19	446	878
Guards and Door Keeps	1,173	1.05	390	783
Correction Officiers	132	0.12	50	80
Other Guards	19	0.02	4	15
Police & Detectives	739	0.66	542	197
Other Service Workers	926	0.83	460	466
Laborers, Except Farm	8,805	7.92	4,589	4,216
Const. Laborers, Ex Carpenters Helpers	511	0.46	342	169
Freight, Material Handlers	117	0.11	65	52
Garbage Collectors	303	0.27	184	119
Gardeners, Groundskeepers, Ex. Farm	417	0.38	155	262
Stock Handlers	721	0.65	399	322
Order Fillers	357	0.32	201	156
Stock Clerks, Sales Floor	364	0.33	198	166

			DUE TO	
OCCUPATION	ANNUAL JOB OPENINGS	PCT. OF TOTAL	NEW JOBS	SEPARATIONS
Other Laborers	6,736	6.06	3,444	3,292
Helper, Trades	944	0.85	510	434
Line, Service Attendants	65	0.06	40	25
Forest Conservation Workers	72	0.06	39	33
All Other Non-Skilled Laborers	5,655	5.09	2,855	2,800

TABLE XV.

JOB BANK OPENINGS IN REPORTING DISTRICTS BY OCCUPATIONAL CATEGORY

TENNESSEE

(FEBRUARY 1981)

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	6,692	6,953	$ 8,837/YR	$ 8,738/YR	2,978	2,674	1,440	853
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	686	737	12,822/YR	11,582/YR	411	405	213	149
CLERICAL AND SALES	1,711	1,635	8,064/YR	8,054/YR	758	686	294	188
SERVICE	781	936	3.65/HR	3.64/HR	244	232	115	116
FARMING, FISHERY, FORESTRY, AND RELATED	86	89	3.49/HR	3.51/HR	26	19	7	10
PROCESSING	311	272	4.09/HR	4.55/HR	228	135	130	7
MACHINE TRADES	736	795	4.63/HR	4.38/HR	390	349	197	84
BENCH WORK	999	1,041	3.61/HR	3.63/HR	455	397	239	128
STRUCTURAL WORK	719	741	4.83/HR	4,88/HR	244	229	128	79
MISCELLANEOUS	663	707	4.35/HR	4.33/HR	222	222	117	92

TABLE XV

JOB BANK OPENINGS IN REPORTING DISTRICTS BY OCCUPATIONAL CATEGORY

EASTERN TENNESSEE

FEBRUARY 1981

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	1,316	1,476	$8,764/YR	$8,627/YR	429	455	209	128
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	149	164	11,852/YR	10,013/YR	61	71	33	27
CLERICAL AND SALES	374	363	8,113/YR	8,042/YR	157	139	66	33
SERVICE	155	218	3.49/HR	3.51/HR	30	35	10	10
FARMING, FISHERY, FORESTRY, AND RELATED	17	11	3.37/HR	3.37/HR	1	INA	INA	INA
PROCESSING	34	46	4.11/HR	4.02/HR	12	22	12	INA
MACHINE TRADES	123	85	4.86/HR	4.83/HR	41	32	12	12
BENCH WORK	171	262	3.47/HR	3.53/HR	79	94	54	15
STRUCTURAL WORK	192	191	4.80/HR	5.45/HR	25	28	12	18
MISCELLANEOUS	101	136	4.21/HR	4.07/HR	23	34	10	13

TABLE XV

JOB BANK OPENINGS IN REPORTING DISTRICTS BY OCCUPATIONAL CATEGORY

LOWER EAST TENNESSEE

FEBRUARY 1981

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	1,207	1,105	$8,784/YR	$8,932/YR	893	604	536	109
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	106	108	12,468/YR	12,094/YR	80	75	50	22
CLERICAL AND SALES	256	217	7,999/YR	8,081/YR	167	115	95	21
SERVICE	70	138	3.74/HR	3.63/HR	22	63	8	42
FARMING, FISHERY, FORESTRY, AND RELATED	13	8	3.62/HR	3.44/HR	2	1	INA	1
PROCESSING	213	139	4.12/HR	4.70/HR	201	91	113	1
MACHINE TRADES	141	155	4.58/HR	4.27/HR	118	119	96	10
BENCH WORK	169	104	3.60/HR	3.78/HR	148	42	63	INA
STRUCTURAL WORK	137	138	4.74/HR	4.66/HR	101	59	73	6
MISCELLANEOUS	102	98	4.15/HR	4.44/HR	54	39	38	6

TABLE XV

JOB BANK OPENINGS IN REPORTING DISTRICTS BY OCCUPATIONAL CATEGORY

MIDDLE TENNESSEE

(FEBRUARY 1981)

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	2,441	2,705	$8,737/YR	$ 8,485/YR	871	933	352	341
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	214	245	12,866/YR	11,928/YR	123	134	60	51
CLERICAL AND SALES	560	651	8,149/YR	7,920/YR	177	237	57	69
SERVICE	333	353	3.55/HR	3.54/HR	93	84	37	40
FARMING, FISHERY, FORESTRY, AND RELATED	45	47	3.49/HR	3.53/HR	20	15	5	9
PROCESSING	36	31	3,83/HR	4.10/HR	6	10	2	5
MACHINE TRADES	318	404	4.55/HR	4.28/HR	156	129	51	40
BENCH WORK	477	476	3.68/HR	3.62/HR	166	189	91	82
STRUCTURAL WORK	266	263	5,02/HR	4.64/HR	75	77	31	27
MISCELLANEOUS	192	235	4.03/HR	4.07/HR	55	58	18	18

TABLE XV

JOB BANK OPENINGS IN REPORTING DISTRICTS BY OCCUPATIONAL CATEGORY

WESTERN TENNESSEE

(FEBRUARY 1981)

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	1,714	1,658	$9,056/YR	$9,154/YR	774	675	338	268
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	208	217	13,581/YR	12,050/YR	139	122	67	46
CLERICAL AND SALES	516	398	7,946/YR	8,332/YR	254	191	74	61
SERVICE	223	227	3.88/HR	3.94/HR	99	50	60	24
FARMING, FISHERY, FORESTRY, AND RELATED	11	23	3.52/HR	3.56/HR	3	3	2	INA
PROCESSING	28	56	4.12/HR	4.86/HR	9	12	3	1
MACHINE TRADES	154	151	4.68/HR	4.62/HR	75	69	38	22
BENCH WORK	182	199	3.61/HR	3.70/HR	62	72	31	31
STRUCTURAL WORK	124	149	4.58/HR	4.80/HR	43	65	12	28
MISCELLANEOUS	268	238	4.69/HR	4.73/HR	90	91	51	55

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. Employment Security Automated Reporting System (ESARS)

The following tables (ESAR Applicant Characteristics and Occupations and Applicant Surpluses and Shortages by Occupation) are taken from the Employment Security Automated Reporting System. The program is federal and comes under the guidelines of the United States Department of Labor. ESARS, as it is known, has thirty-seven table formats. From these thirty-seven tables, another twenty-nine subtables are produced using the same formats, but with different data elements. Thus, ESARS is responsible for sixty-six tables which produce a maximum of 50,000 data items. These tables are run for various areas (statewide, local office, county etc.) although many are not available for all areas or time period.

When ESARS information is used, one must remember it represents those persons using Employment Security services, and this does not always reflect the general population characteristics. Much can be learned from analyzing ESARS tables. All planners are invited to use Employment Security ESARS microfiche and viewers at any local office. (Information is produced monthly.) The following information is for the fiscal year ending September 30, 1980.

For fiscal year 1980, 54.1 percent of the ESARS applicants were women, most persons (62.5 percent) were between 22 and 45 years of age, and 68.8 percent had 9 to 12 years of education. Over half (55.1 percent) of the persons reporting to Employment Security offices were economically disadvantaged and 41.2 percent of these persons were on welfare rolls.

On the following ESARS table the percentages for each occupation and category are horizontal breakouts. The total column is a vertical breakout of the whole.

TABLE XVI

TENNESSEE
APPLICANT SURPLUSES AND SHORTAGES BY OCCUPATION
AS OF SEPTEMBER 30, 1980

DOT CODE	OCCUPATIONAL CATEGORY OF ACTIVE APPLICANTS	TOTAL ACTIVE APPLICANTS	OPENINGS RECEIVED	OPENINGS UNFILLED	OPENINGS UNFILLED 30 DAYS OR MORE	PERCENT UNFILLED	APPLICANTS PER OPENINGS RECEIVED
0-1*	Professional, Technical, Managerial	16,690	7,352	1,299	1,099	17.7	2.3
00-16	Professional and Technical Occupations	10,336	4,708	929	737	15.6	2.2
18	Managers and Officials	5,078	1,365	232	148	17.0	3.7
19	Misc. Professional, Technical, Managerial	1,276	1,279	138	124	10.8	1.0
2*	Clerical and Sales Occupation	55,433	29,918	2,545	1,861	8.5	1.8
20-24	Clerical	45,399	24,669	1,807	1,325	7.3	1.8
25-29	Sales and Merchandising	10,034	5,249	738	536	14.1	1.9
3*	Service Occupations	46,529	27,340	1,755	1,366	6.4	1.7
30	Domestic Service Occupations	5,404	3,057	114	101	3.7	1.8
31-39	Other Service Occupations	41,125	24,283	1,641	1,265	6.8	1.7
4*	Farming, Fishery, Forestry, and Related	6,285	4,339	229	202	5.3	1.4
5*	Processing Occupations	6,024	3,191	394	274	12.3	1.9
6*	Machine Trades	21,773	8,219	1,091	861	13.3	2.6
7*	Benchwork Occupations	27,206	13,762	1,520	1,246	11.0	2.0
8*	Structural Work Occupations	36,689	20,245	1,606	1,330	7.9	1.8
9*	Miscellaneous Occupations	33,884	17,149	1,242	989	7.2	2.0
90-91	Motor Freight and Transportation	12,714	3,573	344	256	9.6	3.6
92	Packaging	19,320	12,565	815	660	6.5	1.5
93-97	Logging, Mining, Utilities, Amusements, and Graphic Arts Occupations	1,850	1,011	83	73	8.2	1.8
	Totals	286,894	132,094	11,717	9,170	8.9	2.2

*Major Occupational Categories

Source: ESARS-Table 96

TABLE XVII

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS –	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
Tennessee		126,097	45.9	54.1	24.0	62.5	13.5	18.2	68.8	12.5	63.4	36.5	22.8	55.1	11.2	22.7	4.1	16.5
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	6,308	51.7	48.3	6.9	80.0	13.1	1.7	36.7	53.9	74.9	25.0	15.5	29.3	23.3	10.7	5.0	6.8
Prof. & Tech.	00-16	3,957	46.1	53.9	6.9	81.2	11.9	1.0	33.1	56.3	73.3	25.5	17.8	31.1	21.9	12.6	4.9	6.6
Architecture & Engineering	00-01	605	83.1	16.9	15.7	71.9	12.4	.5	36.7	59.3	84.6	15.4	4.0	24.3	39.7	4.6	6.2	8.1
Math & Phy. Science	02	180	71.1	28.9	6.7	87.8	5.6	.6	15.6	76.1	71.1	28.9	9.4	25.0	24.4	4.4	3.3	2.8
Life Science	04	224	55.4	44.6	1.3	92.9	5.8	.5	6.7	64.3	60.3	39.7	16.1	28.6	22.3	2.7	5.4	8.0
Social Sciences	05	27	59.3	40.7	7.4	92.6	0	0	7.4	77.8	63.0	37.0	18.5	40.7	7.4	11.1	7.4	3.7
Medicine & Health	07	825	14.3	85.7	9.2	81.6	9.2	.8	58.2	38.4	64.2	35.8	32.6	47.9	13.0	30.7	3.8	6.9
Education	09	760	24.9	75.1	4.7	83.9	11.3	1.4	21.8	56.4	61.7	38.3	31.6	37.1	9.2	17.2	3.0	7.2
Museum & Archival Ser.	10	33	36.4	63.6	3.0	84.8	12.1	0	12.1	57.6	75.8	24.2	18.2	18.2	0	0	3.0	0
Law & Jurisprudence	11	27	55.6	44.4	0	92.6	7.4	0	18.5	63.0	81.5	18.5	7.4	18.5	40.7	11.1	3.7	7.4
Religion & Theology	12	20	55.0	45.0	25.0	45.0	30.0	5.0	55.0	35.0	45.0	55.0	35.0	60.0	20.0	45.0	5.0	0
Writing	13	59	50.8	49.2	1.7	89.8	8.5	5.1	15.3	71.2	84.7	15.3	11.9	35.6	16.9	8.5	1.7	13.6
Art	14	180	40.6	59.4	7.2	82.8	10.0	2.2	43.9	51.1	81.1	18.9	10.0	34.4	13.3	9.4	5.6	6.7
Entertainment & Recreation	15	157	72.0	28.0	7.6	90.4	1.9	1.9	29.3	62.4	81.5	18.5	4.5	28.7	21.7	7.0	3.2	12.1
Administrative Specializations	16	860	57.1	42.9	2.2	78.0	19.8	.7	28.4	63.5	84.7	15.3	7.9	15.8	31.6	2.8	7.3	4.1
Managerial	18	1,817	69.1	30.9	6.3	76.7	17.0	3.0	47.8	45.8	83.8	16.2	5.4	22.2	27.2	5.3	5.1	6.7
Miscellaneous Professional, Tech.	19	534	34.3	65.7	9.0	82.2	8.8	2.2	25.8	63.3	57.5	42.5	32.6	40.1	20.0	15.5	5.2	8.4
CLERICAL & SALES	2	20,699	18.3	81.7	24.0	66.7	9.3	3.0	71.2	25.5	68.9	31.1	26.0	42.1	8.1	19.6	3.4	5.3
Clerical	20-24	17,052	13.0	87.0	24.4	67.5	8.1	2.6	71.8	25.3	67.4	32.6	26.0	43.1	6.8	20.2	3.1	4.8
Typing, Filing, & Related Work	20	5,840	6.4	93.6	25.0	68.6	6.4	1.3	68.2	30.3	62.6	37.4	34.1	42.7	5.3	19.3	2.6	4.0
Computing & Account Recording	21	7,779	7.5	92.5	25.2	66.4	8.4	2.9	74.5	22.4	71.1	28.9	26.5	42.9	4.1	21.9	2.8	4.5
Material & Production Recording	22	1,554	66.5	33.5	20.9	69.2	9.8	5.9	74.3	19.6	66.5	33.5	12.7	38.7	26.7	12.0	4.8	8.9
Infor. & Message Distribution	23	1,148	9.5	90.5	22.3	68.8	8.9	2.0	72.4	25.3	73.3	26.7	23.8	44.6	5.1	20.9	4.7	5.0
Misc. Clerical	24	731	17.5	82.5	21.5	65.7	12.9	4.1	66.8	28.3	58.4	41.6	35.6	55.7	7.3	26.5	4.4	6.0
Sales	25-29	3,647	42.9	57.1	22.2	63.0	14.8	4.6	68.4	26.3	76.2	23.8	4.0	37.3	14.6	16.4	4.4	7.7
Salesperson, Ser.	25	217	66.8	33.2	5.1	77.9	17.0	1.8	42.4	53.0	78.3	21.7	7.4	24.0	30.4	9.2	5.1	10.6
Salespersons, Commodities	26-28	1,672	49.5	50.5	21.7	65.1	18.1	3.6	61.7	33.7	77.7	22.3	14.6	33.6	18.4	11.8	4.5	7.4
Merchandising, except Sales	29	1,758	33.7	66.3	29.3	59.2	11.4	6.0	78.0	15.9	74.6	25.4	19.0	42.5	9.2	21.7	4.3	7.6

TABLE XVII

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	22,241	21.2	78.8	23.9	58.2	17.9	25.8	68.9	5.2	50.3	49.7	40.0	75.1	6.4	48.5	5.8	9.7
Domestic	30	3,209	4.9	95.1	11.9	47.9	40.3	51.8	47.4	.8	44.6	55.4	54.0	89.2	1.1	70.1	10.7	10.8
Other Service	31-38	19,032	23.9	76.1	26.0	59.9	14.1	21.4	72.5	6.0	51.2	48.8	37.6	72.7	7.4	44.0	4.9	9.6
Food Preparation & Service	31	9,101	18.6	81.4	31.8	56.1	12.0	20.9	74.0	5.0	55.0	44.9	36.3	73.3	4.9	45.9	4.2	8.4
Lodging & kindred	32	1,939	5.0	95.0	15.0	66.3	18.7	33.9	64.5	1.5	43.4	56.5	53.8	81.0	1.3	60.4	4.5	7.3
Barbering & kindred	33	346	12.1	87.9	21.1	68.2	10.7	7.5	83.5	9.0	56.4	43.6	40.0	75.7	5.8	53.5	3.5	5.8
Amusement & kindred	34	66	50.0	50.0	40.9	50.0	9.1	18.2	65.1	16.7	63.6	36.4	22.7	69.7	7.6	25.8	1.5	12.1
Mis. Personal Ser.	35	3,217	8.3	91.7	18.7	70.8	10.4	12.9	78.1	8.8	48.6	51.3	47.1	74.9	4.3	52.2	4.8	7.8
Apparel & Furnish.	36	838	13.5	86.5	10.6	62.2	27.2	31.7	66.2	2.0	52.0	48.0	43.3	71.5	3.3	48.8	5.5	10.5
Protective Service	37	1,142	68.0	32.0	16.1	67.5	16.4	17.7	63.5	18.5	58.9	41.1	22.4	53.3	38.3	24.2	9.6	12.9
Building & kindred	38	2,383	64.6	35.4	32.7	49.0	18.3	25.0	70.6	4.4	41.3	58.7	21.8	70.0	12.5	25.5	6.1	16.6
FARMING, FISHERY, FORESTRY	4	2,232	76.2	23.8	35.9	44.1	20.0	46.7	49.8	3.5	72.4	27.6	12.2	69.6	6.9	24.0	6.1	26.1
Plant Farming	40	1,070	74.0	26.0	42.5	41.3	16.2	38.3	57.0	4.7	65.6	34.4	13.2	70.8	7.9	25.0	5.6	21.6
Animal Farming	41	192	67.2	32.8	31.3	53.1	15.6	32.3	57.8	9.9	84.4	15.6	6.3	52.1	9.4	14.6	4.2	20.3
Misc. Farming	42	740	76.1	23.9	29.1	43.0	28.0	62.4	37.0	.5	72.2	27.8	16.2	75.3	5.4	30.0	6.8	30.8
Fishery & kindred	44	4	100.0	0	50.0	50.0	0	25.0	75.0	0	100.0	0	0	25.0	0	0	0	0
Forestry	45	225	93.8	6.2	31.1	52.9	16.0	47.6	50.2	2.2	94.2	5.8	0	61.3	5.8	7.6	8.4	36.9
Agricultural Service	46	1	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0	0	0	100.0
PROCESSING	5	2,544	55.9	44.1	15.8	69.4	14.7	25.0	68.8	6.2	66.0	34.0	18.1	46.8	12.7	20.2	4.2	13.1
Metal	50	142	76.1	23.9	15.5	69.0	15.5	18.3	78.2	3.5	69.0	31.0	12.0	33.8	22.5	9.9	4.2	14.1
Refining & Foundry	51	352	92.9	7.1	17.3	65.6	17.0	23.3	71.9	4.8	58.0	42.0	3.7	26.7	19.0	2.0	3.1	17.0
Food & kindred	52	760	37.9	62.1	17.5	63.4	19.1	35.8	60.7	3.5	60.0	40.0	28.8	65.5	8.1	32.6	4.6	13.4
Paper & kindred	53	14	57.1	42.9	7.1	78.6	14.3	28.6	64.3	7.1	50.0	50.0	28.6	50.0	28.6	21.4	14.3	28.6
Petroleum & kindred	54	13	84.6	15.4	7.7	84.6	7.7	7.7	69.2	23.1	84.6	15.4	7.7	30.8	15.4	7.7	0	23.1
Chemicals, Plastics & kindred	55	589	56.4	43.6	16.0	74.0	10.0	14.6	74.5	10.7	75.4	24.6	11.9	34.0	13.2	12.9	3.1	9.0
Wood & Wood Products	56	35	37.1	62.9	22.9	71.4	5.7	22.9	71.4	5.7	60.0	40.0	34.3	57.1	5.7	31.4	2.9	11.4
Stone, Clay & kindred	57	196	78.1	21.9	14.8	74.0	11.2	21.9	69.4	8.7	71.4	28.6	8.7	36.7	17.3	10.7	6.1	20.4
Leather, Textiles & kindred	58	290	40.3	59.7	13.4	69.3	17.2	26.9	68.3	4.8	76.9	23.1	15.5	51.4	8.6	22.1	5.9	12.1
Processing, N.E.C.	59	153	41.8	58.2	9.8	82.3	7.8	23.5	71.2	5.2	49.7	50.3	41.2	64.0	11.8	45.8	2.6	7.8
MACHINE TRADES	6	8,641	66.4	33.6	18.3	68.6	13.0	19.0	73.6	7.3	77.3	22.7	10.6	41.6	19.7	13.9	4.6	13.7
Metal Machining	60	1,826	66.5	33.5	19.0	68.4	12.6	15.6	75.4	8.9	79.2	20.8	9.4	35.1	19.9	10.2	3.7	11.3
Metalworking, N.E.C.	61	1,576	55.3	44.7	12.9	74.1	12.9	17.5	75.8	6.7	67.8	32.2	17.3	43.4	14.5	18.3	3.4	11.2
Machine Repairmen	62-63	2,263	97.8	2.2	21.2	69.0	9.8	15.4	74.1	10.4	83.4	16.0	.8	35.2	36.7	4.8	5.8	16.3
Paperworking	64	126	45.2	54.8	13.5	76.2	10.3	16.7	77.8	5.6	71.4	28.6	11.9	45.2	13.5	15.1	4.0	14.3
Printing	65	247	57.1	42.9	21.5	67.2	11.3	6.1	80.2	13.4	69.2	30.8	13.0	39.3	18.2	11.3	4.9	13.0
Wood Machining	66	744	82.7	17.3	19.6	63.7	16.7	37.8	59.3	3.0	82.7	17.3	8.7	53.9	12.9	12.0	5.1	27.1
Machining Stone, Glass & kindred	67	40	77.5	22.5	20.0	65.0	15.0	25.0	62.5	12.5	82.5	17.5	2.5	50.0	15.0	2.5	5.0	22.5
Textile	68	815	27.1	72.9	14.1	71.0	14.8	20.4	76.4	3.2	75.0	25.0	19.5	54.2	6.7	28.0	6.0	9.9
Machine Trades, N.E.C.	69	1,004	37.6	62.4	21.4	61.0	17.6	23.9	72.6	3.2	73.9	26.1	18.4	45.0	6.0	24.8	3.7	8.6

TABLE XVII

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	12,285	24.9	75.1	19.4	68.0	12.6	20.6	74.4	4.9	74.5	25.5	19.5	50.7	5.9	25.2	4.3	8.5
Metal Products, N.E.C.	70	2,421	34.4	65.6	26.4	63.6	10.0	14.7	80.0	5.2	63.4	36.6	27.0	46.5	4.9	22.3	2.4	7.8
Scientific & Medical Good & kindred	71	393	24.9	74.8	13.2	69.2	17.6	27.5	63.4	9.2	66.9	32.8	24.9	67.7	9.9	49.1	8.1	8.7
Electrical Equipment	72	2,180	29.1	70.9	16.9	72.5	10.6	10.2	79.6	10.1	78.2	21.8	13.5	34.1	12.1	13.1	2.8	5.8
Products from Assorted Materials	73	385	28.0	71.7	17.1	69.4	13.5	18.4	76.4	4.9	67.0	32.7	26.7	49.9	7.0	29.1	4.2	6.5
Painting & kindred	74	407	77.9	22.1	16.0	72.5	11.5	22.1	73.2	4.7	78.9	21.1	6.9	45.5	20.4	10.6	7.4	18.9
Plastics, Rubber & kindred	75	273	63.4	36.6	15.0	74.3	10.6	13.2	75.1	11.7	78.4	21.6	8.1	32.6	15.8	9.9	4.0	11.4
Wood Products	76	599	48.6	51.4	18.5	68.4	13.0	29.7	67.9	2.3	72.3	27.7	18.7	59.1	6.7	23.2	4.7	15.7
Sand, Stone & kindred Products	77	78	64.1	35.9	15.4	73.1	11.5	11.5	79.5	9.0	78.2	21.8	6.4	34.6	6.4	10.3	2.6	17.9
Textile, Leather & kindred Products	78	5,105	9.4	90.6	17.2	68.2	14.6	25.9	71.6	2.5	79.2	20.8	19.0	57.6	2.0	30.3	5.0	8.3
Benchwork, N.E.C.	79	444	16.7	83.3	34.5	55.0	10.6	31.5	67.6	.9	70.9	29.0	24.8	70.3	2.0	46.4	7.2	7.0
STRUCTURAL WORK	8	13,161	93.9	6.1	23.6	65.6	10.8	20.0	71.8	8.1	82.2	17.8	1.7	41.4	26.1	4.6	4.4	21.9
Metal Fabricating, N.E.C.	80	1,124	85.6	14.4	18.4	73.2	8.4	14.9	76.3	8.7	81.4	18.6	3.6	34.6	25.9	5.2	4.2	20.2
Welders & kindred	81	1,394	90.2	9.8	18.9	72.7	8.4	13.1	79.2	7.5	77.2	22.8	2.9	36.1	32.2	4.6	4.6	16.1
Electrical	82	1,293	87.4	12.6	17.8	72.5	9.7	7.3	76.6	16.1	81.2	18.8	3.2	28.1	42.5	2.8	4.9	12.4
Painting, Plastering & kindred	84	732	94.8	5.2	14.3	70.4	15.3	22.1	70.8	7.0	73.6	26.4	2.6	45.2	26.6	3.3	4.9	27.5
Excavating & kindred	85	645	99.2	.8	9.3	73.6	17.0	33.5	62.3	4.2	93.0	7.0	0	31.6	23.6	2.5	4.7	28.4
Construction	86	7,164	96.5	3.5	28.1	61.8	10.1	22.9	70.0	7.0	84.0	16.0	.9	45.5	21.8	4.5	4.0	24.4
Structural, N.E.C.	89	809	93.9	6.1	27.7	54.8	17.6	20.8	69.7	9.5	76.6	23.4	2.3	48.6	28.8	10.1	6.2	16.4
MISCELLANEOUS	9	13,226	79.2	20.8	23.3	66.5	10.0	19.3	73.5	7.1	66.1	33.7	9.7	51.0	22.2	13.2	4.7	18.7
Motor Freight, Transportation	90-91	4,563	92.9	7.1	13.4	74.2	12.3	20.2	73.4	6.3	77.0	23.0	3.3	42.8	30.7	6.4	5.6	23.2
Packaging & Material Handling	92	7,971	71.3	28.7	29.5	62.1	8.4	18.4	74.3	7.3	58.7	41.7	13.6	56.8	17.4	17.6	4.0	16.1
Other Misc.	93-97	692	79.3	20.7	17.6	69.4	13.0	23.1	65.5	11.0	83.7	16.3	6.2	37.3	21.8	7.7	7.2	19.1
Extraction of Minerals	93	302	96.4	3.6	11.6	72.2	16.2	39.4	57.0	3.3	94.0	6.0	.7	33.4	12.3	1.7	5.3	31.1
Production & Distribution of Utilities	95	142	90.8	9.2	26.0	64.8	9.1	14.1	71.8	14.1	73.2	26.8	4.2	40.1	44.4	8.5	12.7	11.3
Amusement & kindred, N.E.C.	96	28	75.0	25.0	28.6	71.4	0	3.6	75.0	17.9	71.4	28.6	10.7	46.4	25.0	3.6	7.1	3.6
Graphic Art Work	97	220	49.1	50.9	19.1	68.2	12.7	9.1	71.8	18.6	77.7	22.3	14.5	39.5	20.0	15.9	6.4	9.5
PARTIALS & INVALID CODES	99	24,760	46.1	53.9	33.0	50.4	16.6	22.2	67.8	9.7	45.0	54.9	32.0	70.3	1.0	21.8	2.1	34.7

*W-White, NW-Nonwhite, NWF-Nonwhite Female

SOURCE: E.S.Applicants; Research and Statistics, Tn. Dept. Emp. Sec.

B. Universe of Need for Manpower Services

Balance of State

For the fiscal year 1982, 412,078 individuals are projected to have a need for some type of "manpower services" in the Balance of State area. Of this number, 74,037 will be considered "poor" while the remaining 338,041 individuals will fit into the "nonpoor category. Many of these, however, will be considered "near poverty."

Among the 74,037 "poor", 71,860 will be classified "disadvantaged" and the remaining 2,177 will be termed "other poor." In addition, those in the "poor" category will be considered unemployed or underutilized with their totals numbering 13,854 and 58,006 respectively. An underutilized person should be considered the same as underemployed.

A total of 280,014 individuals are projected to be unemployed during the year. Additionally, the number of high school dropouts is expected to number 5,900, while welfare recipient families should total approximately 26,535 during 1982. The number of female heads of households for the same period is projected to be 69,480, of which 30,329 will be considered disadvantaged or 43.7 percent. Women will definitely be a target group for manpower services.

C. Methodology

Estimating The "Universe Of Need For Manpower Services"

From the standpoint of ES state and local office operations, the universe of need for manpower services "represents the total number of different individuals--both unemployed and underutilized--who may need employment-related assistance at some time during the target year. It includes estimates of the disadvantaged; other poor persons who do not meet the criteria for designation as disadvantaged; individuals in near-poverty; and nonpoor workers who are unemployed or underutilized during the course of the year. Specific components include (1) workers counted as unemployed under standard labor force concepts; (2) workers employed part-time because they are unable to find full-time employment; (3) workers employed full-time but with earnings which do not raise family income above the poverty or near-poverty level; and (4) persons not currently in the labor force but should be.

It should be noted that there is considerable movement of disadvantaged individuals between the unemployed and underutilized categories during a 12-month period. It is assumed that virtually all underutilized disadvantaged persons will experience at least one period of unemployment during the year. Therefore, it is assumed for planning purposes that the *average* number of unemployed and underutilized disadvantaged during a given 12-month period will approximate the number of different disadvantaged unemployed or underutilized during that period.

The estimating methodology presented in this section makes use of current ES data on area unemployment, as well as population, labor force, and income data from the update 1970 census on the basin of current relationships developed from *national* labor force and poverty data. All *available* sources of more recent area data has been utilized in making estimates in lieu of national factors. Unemployment data used in the methodology relate to calendar year averages; however, in some cases data are used on fiscal year averages if data are available. The time reference used remains uniform for each individual labor area.

A worksheet summarizing the basic steps for estimating the "universe of need for manpower services" can be obtained from Research and Statistics.

TABLE XVIII

UNIVERSE OF NEED FOR MANPOWER SERVICES

BALANCE OF STATE

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	412,078
a. Poor	74,037
(1) Disadvantaged	71,860
(2) Other Poor	2,177
b. Nonpoor	338,041
(1) Near Poverty	92,449
(2) All other Nonpoor	245,592
2. Unemployed and Underutilized Disadvantaged, Total	71,860
a. Unemployed	13,854
b. Underutilized	58,006
(1) Employed part-time for economic reasons	8,755
(2) Employed full-time but with family income at or below poverty level	32,979
(3) Not in labor force but should be	16,272
3. Total Number of Different Individuals Unemployed in year	280,014
4. Vietnam Veterans-unemployed	4,180
5. Total veterans (needing manpower services)	61,404
6. School Dropouts during 1979 school year	5,900
7. Welfare recipients (families)	26,535
8. Famale Heads of Households	69,480
a. Disadvantaged - Female heads of Households	30,329

TABLE XIX

UNIVERSE OF NEED FOR MANPOWER SERVICES

STATE OF TENNESSEE

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	723,909
a. Poor	142,340
(1) Disadvantaged	136,715
(2) Other Poor	5,625
b. Nonpoor	581,569
(1) Near Poverty	170,509
(2) All other Nonpoor	406,409
2. Unemployed and Underutilized Disadvantaged, Total	136,725
a. Unemployed	23,457
b. Underutilized	113,259
(1) Employed part-time for economic reasons	18,556
(2) Employed full-time but with family income at or below poverty level	50,474
(3) Not in labor force but should be	442,228
3. Total Number of Different Individuals Unemployed in year	465,551
4. Vietnam Veterans-unemployed	6,265
5. Total veterans (needing manpower services)	107,460
6. School Dropouts during '79 school year	10,710
7. Welfare recipients (families)	63,478
8. Female Heads of Households	137,840
a. Disadvantantaged - Female heads of Households	57,194

VI. ECONOMICALLY DISADVANTAGED

A. Barriers To The Employment of Disadvantaged and Minorities

The following are considered the most common barriers.

1. Discrimination (Race and Sex and Age)
2. Lack of Education
3. Lack of Skills
4. Incumbent Insecurity
5. Lack of Transportation
6. Lack of Child Care
7. Transfer payments (Welfare, unemployment insurance, etc.)
8. Deficit Demand
9. Lack of Desire to Work
10. Inability to Work (example: permanently disabled)

While the above list is by no means comprehensive, it does include those barriers most common. Interviews with a number of disadvantaged individuals would more than likely provide a list almost equal to the number of respondents; most, however, would upon close examination fall into one of the above categories.

B. Characteristics of the Economically Disadvantaged

Economically disadvantaged persons are those whose income is below poverty level. This level is defined according to geographical area, size of family unit, and type of residence (i.e., farm or nonfarm).

In Tennessee, projections indicate that during fiscal year 1982, 984,995 persons will be economically disadvantaged. In addition, 306,333, 31.1 percent, of these economically disadvantaged persons will be in a minority group. For the Balance of State, 639,076 persons are projected to be economically disadvantaged, of this number 114,395 persons or 17.9 percent are expected to be minorities. For a more detailed county breakout see the following table.

Note: These projections are based on the 1970 Census, and may differ from estimates of the Universe of Need.

TABLE XX

ECONOMICALLY DISADVANTAGED PROJECTIONS

COUNTY	1982 POPULATION PROJECTIONS	1970 CENSUS POPULATION	1970 CENSUS PERCENT DISADV.	1982 DISADV. PROJECTIONS	1982 MINORITY DISADVANTAGED PROJECTIONS	1982 MINORITY AS PERCENT OF DISADVANTAGED
State	4,539,146	3,926,018	21.7	984,995	306,333	31.1
Balance of State	2,536,014	2,097,331	25.2	639,076	114,395	17.9
Anderson	64,111	60,300	18.6	11,925	1,026	8.6
Bedford	26,448	25,039	21.3	5,633	1,205	21.4
Benton	12,672	12,126	21.4	2,712	*	*
Bledsoe	10,486	7,643	37.1	3,890	66	1.7
Blount	77,726	63,744	17.0	13,213	898	6.8
Bradley	67,349	50,686	16.8	11,315	1,132	10.0
Campbell	32,033	26,045	41.1	13,166	*	*
Cannon	10,405	8,467	28.6	2,976	*	*
Carroll	28,079	25,741	20.7	5,812	1,064	18.3
Carter	48,520	43,259	22.1	10,723	*	*
Cheatham	21,015	13,199	17.3	3,636	324	8.9
Chester	12,910	9,927	29.4	3,796	698	18.4
Claiborne	27,224	19,420	43.6	11,870	*	*
Clay	6,390	6,624	43.8	2,799	*	*
Cocke	30,041	25,283	33.3	10,004	440	4.4
Coffee	35,249	32,572	19.7	6,944	625	9.0
Crockett	14,344	14,402	30.5	4,375	1,859	42.5
Cumberland	29,695	20,733	31.9	9,473	*	*
Davidson	474,488	447,877	13.7	65,005	29,902	46.0
Decatur	9,994	9,457	23.4	2,339	131	5.6
DeKalb	13,690	11,151	23.1	3,162	*	*
Dickson	30,887	21,977	19.0	5,869	816	13.9
Dyer	34,026	30,427	26.3	8,949	2,398	26.8
Fayette	27,323	22,692	50.6	13,825	11,765	85.1
Fentress	15,905	12,593	46.2	7,348	*	*
Franklin	30,932	27,289	24.7	7,640	993	13.0
Gibson	46,464	47,871	22.3	10,361	4,196	40.5
Giles	22,364	22,138	24.5	5,479	1,452	26.5
Grainger	17,068	13,948	32.5	5,547	*	*
Greene	53,335	47,630	23.6	12,587	327	2.6
Grundy	15,016	10,631	44.3	6,652	*	*
Hamblen	48,626	38,696	19.1	9,288	1,012	10.9
Hamilton	274,484	255,077	16.6	45,564	19,820	43.5
Hancock	6,357	6,719	62.6	3,979	*	*
Hardeman	19,564	22,435	36.7	7,180	4,229	58.9
Hardin	21,383	18,212	33.7	7,206	749	10.4
Hawkins	38,907	33,757	26.7	10,387	540	5.2
Haywood	22,848	19,596	49.9	11,401	8,893	78.0
Henderson	20,962	17,360	27.9	5,848	789	13.5
Henry	26,451	23,749	26.2	6,930	1,698	24.5
Hickman	14,010	12,096	26.6	3,727	380	10.2
Houston	6,821	5,853	25.9	1,767	*	*
Humphreys	15,658	13,560	20.9	3,273	209	6.4
Jackson	8,304	8,141	40.9	3,396	*	*
Jefferson	29,244	24,940	22.3	6,521	326	5.0
Johnson	14,180	11,569	32.8	4,651	*	*
Knox	323,601	276,293	17.7	57,277	10,883	19.0
Lake	6,995	8,074	40.5	2,833	1,006	35.5
Lauderdale	24,944	20,271	47.7	11,898	6,734	56.6
Lawrence	36,047	29,097	27.6	9,949	289	2.9
Lewis	8,858	6,761	24.7	2,188	*	*
Lincoln	27,081	24,318	30.0	8,124	2,015	24.8
Loudon	28,863	24,266	21.1	6,090	195	3.2
Macon	14,603	12,315	29.3	4,279	*	*
Madison	77,455	65,774	24.1	18,667	11,779	63.1

TENNESSEE

TABLE XX

ECONOMICALLY DISADVANTAGED PROJECTION

COUNTY	1982 POPULATION PROJECTIONS	1970 CENSUS POPULATION	1970 CENSUS PERCENT DISADV.	1982 DISADV. PROJECTIONS	1982 MINORITY DISADVANTAGED PROJECTIONS	1982 MINORITY AS PERCENT OF DISADVANTAGED
Marion	24,651	20,577	29.1	7,173	559	7.8
Marshall	19,682	17,319	19.5	3,838	603	15.7
Maury	47,925	44,028	20.1	9,633	3,824	39.7
McMinn	46,188	35,462	21.1	9,746	867	8.9
McNairy	21,949	18,369	32.7	7,177	983	13.7
Meigs	6,327	5,219	33.7	2,132	*	*
Monroe	27,095	23,475	27.9	7,560	401	5.3
Montgomery	80,492	62,721	21.6	17,386	6,346	36.5
Moore	3,543	3,568	17.5	620	*	*
Morgan	16,272	13,619	32.1	5,223	*	*
Obion	34,465	30,247	22.3	7,686	1,268	16.5
Overton	16,362	14,866	38.2	6,250	*	*
Perry	6,363	5,238	29.9	1,903	*	*
Pickett	4,661	3,774	36.1	1,683	*	*
Polk	13,140	11,669	24.8	3,259	*	*
Putnam	46,313	35,487	25.7	11,902	274	2.3
Rhea	24,191	17,202	28.6	6,919	381	5.5
Roane	44,094	38,881	20.2	8,907	650	7.3
Robertson	35,622	29,102	22.0	7,837	2,571	32.8
Rutherford	84,027	59,428	18.8	15,797	4,028	25.5
Scott	17,156	14,762	47.9	8,218	*	*
Sequatchie	7,655	6.331	29.8	2,281	*	*
Sevier	37,763	28,241	22.8	8,610	*	*
Shelby	795,174	722,111	20.6	163,806	124,820	76.2
Smith	14,305	12,509	23.2	3,319	196	5.9
Stewart	9,633	7,319	31.4	3,025	*	*
Sullivan	135,385	127,329	15.9	21,526	1,184	5.5
Sumner	81,251	56,266	16.1	13,081	2,185	16.7
Tipton	33,815	28,001	34.4	11,632	7,189	61.8
Trousdale	5,878	5,155	34.6	2,034	504	24.8
Unicoi	17,139	15,254	23.8	4,079	*	*
Union	10,497	9,072	37.0	3,884	*	*
Van Buren	4,912	3,758	21.4	1,051	*	*
Warren	33,138	26,972	23.8	7,887	694	8.8
Washington	92,787	73,924	20.8	19,300	1,834	9.5
Wayne	13,747	12,365	29.9	4,110	*	*
Weakley	30,986	28,827	22.2	6,879	764	11.1
White	19,454	16,329	26.4	5,136	*	*
Williamson	62,253	34,423	17.2	10,708	3,405	31.8
Wilson	50,421	36,999	18.4	9,277	2,440	26.3

* This information is not available from the Census Bureau due to insufficient sample size (less than 400 Minority Population in the County).

1/ These totals are understated by the number of minority disadvantaged in those counties with less than 400 minority population in 1970. The projected 1979 minority population of these counties totals 5,087 persons. The trend in the counties for which this information is available indicates that less than half of the minority population is disadvantaged, thus the understatement does not exceed 2,500. This understatement does not exist in the Total Disadvantaged figures.

Sources: 1970 Census

TABLE XXI

1979 Regional Survey of Persons Below Poverty Level

Below are percentages of persons living below poverty by SMSA and Prime Sponsor area by Race.

Area	All Races	White	Others
Johnson City SMSA	17.56	13.61	54.59
Sullivan County	13.42	10.22	54.30
Knox County	14.38	10.02	46.68
Knoxville SMSA	14.96	10.82	46.35
Davidson County	11.15	5.76	38.69
Nashville SMSA	12.59	7.44	40.90
City of Chattanooga	21.00	10.53	48.67
Balance of Hamilton	7.71	5.67	35.33
Chattanooga SMSA	14.45	9.06	47.20
Shelby County	17.17	4.91	50.08
Memphis SMSA	Did not receive information on MEMPHIS SMSA		
Clarksville SMSA	17.74	10.16	52.69

These percentages are to be applied to each categories total population.

STATE	18.28	11.76	50.80
BALANCE OF STATE	21.58	15.53	58.01

VII. FEMALE HEADS OF HOUSEHOLD

A. Labor Force Participation

Data published annually by the Bureau of Labor Statistics indicated that in 1979, nearly one-half of all women living with their husbands were in the labor force (i.e., either working or looking for work outside the home). The economic realities faced by most women maintaining families with no husband present provide an additional impetus for them to enter the labor force. In fact, the proportion of these women in the labor force was 60 percent, compared with 49 percent for wives in married-couple families.

Although the labor force participation rate of women maintaining families has increased significantly since 1970, there is evidence that a higher proportion of these women had problems finding employment. The number who were involuntarily unemployed increased by 158 percent between 1970 and 1979. No one knows how many others become discouraged, stopped looking for work, and so did not appear in the unemployment data.

White women maintaining families were more likely than their Black counterparts to be in the labor force--and the gap between the races widened substantially during the decade. In 1979, about 62 percent of White women were in the labor force, compared with 54 percent of Black women. There was no significant difference in 1970 between the participation rates of White and Black women.

B. Occupation

In both 1970 and 1979, the majority of employed women maintaining families were clerical or service workers. There has, however, been a large increase since 1970 in the number who had either professional or managerial positions--the number of women in each of these occupational groups doubled during the decade.

In spite of these increases, only one-fifth of employed women with responsibility for their families were in professional or managerial positions in 1979, able to enjoy the favorable economic benefits generally associated with such jobs.

As might be expected, the proportion of employed Black women working in either professional or managerial occupations in 1979 (12 percent) was much lower than for Whites (22 percent), but a three-fold increase has occurred since 1970 in the number of Black women in these occupations. The occupational category in which most Black women were employed in both 1970 and 1979 was service work, but the proportion in this occupation group decined from 51 percent to 36 percent during the period.

C. Income

The severity of economic disadvantages with which families maintained by women must cope becomes apparent when their income level is compared to the income of families in general. The median income in 1978 of families maintained by women was $8,540, or slightly less than one-half (48 percent) of the $17,640 median income of families overall. In other words, a woman with no husband contributing directly to the family income can expect to have only about $1 for essential expenses to every $2 available to most families.

The income differential reflected by the 1978 data shows no improvement over 1969 incomes. The median income for all families in 1969 was $16,790 compared to $8,580 for families maintained by women--a figure slightly higher than the 1978 income of $8,540.

Most families in the very lowest income categories are likely to be maintained by women. In 1978, about 3.2 million families had incomes of less than $4,000--more than one-half (54 percent) of these very low income families were maintained by women.

Among Blacks, about 80 percent of those families with incomes under $4,000 were maintained by women with no husband present.

D. Age and Income

The family income of young female householders is likely to be lower than that of similarly situated middle-aged or older women. For example, if the woman is under 25 years old, her family's median income in 1978 ($3,950) was only one-third as high as that for families of women 55 to 64 years old ($12,250). The family income of female householders under age 25 has actually dropped by $410 (10 percent) since 1969, after the 1969 income was adjusted for inflation. Among Blacks, families maintained by women under the age of 45 had a decline in income since 1969, after adjustment allowances for inflation.

E. Children and Income

Among families maintained by women, those with one or more children under age 18 had a much lower median income in 1978 ($7,040) than those without children ($11,970). The association between low income and the presence of children reflects to some extent the fact that women with children are likely to be young, and thus have yet to reach the ages usually associated with higher income levels.

The younger the children, the lower the income among families of female householders with no husband present.

Source: Families Maintained by Female Householders 1970-79

TABLE XXII

FEMALE HEADS OF HOUSEHOLDS

AND

ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

COUNTY	1982 PROJECTED POPULATION	FEMALE HEADS OF HOUSEHOLDS	PERCENT OF POPULATION	ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS	PERCENT OF POPULATION	ECON. DISAD. F.H.H. AS PERCENT OF ALL FEMALE HEADS OF HOUSEHOLDS
State	4,539,146	140,713	3.1	59,009	1.3	41.9
Balance of State	2,536,014	68,472	2.7	30,432	1.2	44.4
Anderson	64,111	1,667	2.6	705	1.1	42.3
Bedford	26,448	741	2.8	290	1.1	39.1
Benton	12,672	329	2.6	114	.9	34.7
Bledsoe	10,486	273	2.6	136	1.3	49.8
Blount	77,726	1,788	2.3	777	1.0	43.5
Bradley	67,349	1,818	2.7	673	1.0	37.0
Campbell	32,033	1,217	3.8	641	2.0	52.7
Cannon	10,405	271	2.6	104	1.0	38.4
Carroll	28,079	814	2.9	281	1.0	34.5
Carter	48,520	1,456	3.0	582	1.2	40.0
Cheatham	21,015	399	1.9	126	.6	31.6
Chester	12,910	323	2.5	142	1.1	44.0
Claiborne	27,224	681	2.5	436	1.6	64.0
Clay	6,390	204	3.2	128	2.0	62.7
Cocke	30,041	931	3.1	481	1.6	51.7
Coffee	35,249	881	2.5	388	1.1	44.0
Crockett	14,344	430	3.0	230	1.6	53.5
Cumberland	29,695	772	2.6	327	1.1	42.4
Davidson	474,488	15,658	3.3	5,219	1.1	33.3
Decatur	9,994	280	2.8	100	1.0	35.7
DeKalb	13,690	315	2.3	137	1.0	43.5
Dickson	30,887	803	2.6	247	.8	30.8
Dyer	34,026	1,055	3.1	510	1.5	48.3
Fayette	27,323	1,045	2.8	709	1.9	67.8
Fentress	15,905	557	3.5	286	1.8	51.3
Franklin	30,932	742	2.4	371	1.2	50.0
Gibson	46,464	1,440	3.1	558	1.2	38.8
Giles	22,364	716	3.2	268	1.2	37.4
Grainger	17,068	427	2.5	239	1.4	56.0
Greene	53,335	1,333	2.5	533	1.0	40.0
Grundy	15,016	420	2.8	250	1.6	59.5
Hamblen	48,626	1,313	2.7	486	1.0	37.0
Hamilton	274,484	9,881	3.6	3,843	1.4	38.9
Hancock	6,357	261	4.1	184	2.9	70.5
Hardeman	19,564	528	2.7	293	1.5	55.5
Hardin	21,383	641	3.0	257	1.2	40.1
Hawkins	38,907	973	2.5	428	1.1	44.0
Haywood	22,848	823	3.6	526	2.3	63.9
Henderson	20,962	524	2.5	231	1.1	44.1
Henry	26,451	767	2.9	370	1.4	48.2
Hickman	14,010	350	2.5	154	1.1	44.0
Houston	6,821	198	2.9	102	1.5	51.5
Humphreys	15,658	329	2.1	172	1.1	52.3
Jackson	8,304	224	2.7	91	1.1	40.6
Jefferson	29,244	702	2.4	263	.9	37.5
Johnson	14,180	468	3.3	255	1.8	54.5
Knox	323,601	10,032	3.1	3,883	1.2	38.7
Lake	6,995	245	3.5	112	1.6	45.7
Lauderdale	24,944	798	3.2	499	2.0	62.5
Lawrence	36,047	937	2.6	397	1.1	42.4

TABLE XXII

FEMALE HEADS OF HOUSEHOLDS

AND

ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

COUNTY	1982 PROJECTED POPULATION	FEMALE HEADS OF HOUSEHOLDS	PERCENT OF POPULATION	ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS	PERCENT OF POPULATION	ECON. DISAD. F.H.H. AS PERCENT OF ALL FEMALE HEADS OF HOUSEHOLDS
Lewis	8,858	275	3.1	97	1.1	35.3
Lincoln	27,081	785	2.9	352	1.3	44.8
Loudon	28,863	895	3.1	375	1.3	41.9
Macon	14,603	321	2.2	175	1.2	54.5
Madison	77,455	2,788	3.6	1,317	1.7	47.2
Marion	24,651	666	2.7	271	1.1	40.7
Marshall	19,682	669	3.4	177	.9	26.5
Maury	47,925	1,342	2.8	479	1.0	35.7
McMinn	46,188	1,247	2.7	462	1.0	37.0
McNairy	21,949	483	2.2	241	1.1	49.9
Meigs	6,327	177	2.8	95	1.5	53.7
Monroe	27,095	732	2.7	352	1.3	48.1
Montgomery	80,492	2,576	3.2	1,288	1.6	50.0
Moore	3,543	46	1.3	14	.4	30.4
Morgan	16,272	391	2.4	195	1.2	49.9
Obion	34,465	827	2.4	345	1.0	41.7
Overton	16,362	458	2.8	245	1.5	53.5
Perry	6,363	172	2.7	19	.3	11.0
Pickett	4,661	135	2.9	37	.8	27.4
Polk	13,140	302	2.3	145	1.1	48.0
Putnam	46,313	1,158	2.5	463	1.0	40.0
Rhea	24,191	774	3.2	314	1.3	40.6
Roane	44,094	1,323	3.0	573	1.3	43.3
Robertson	35,622	891	2.5	356	1.0	40.0
Rutherford	84,027	2,185	2.6	840	1.0	38.4
Scott	17,156	600	3.5	377	2.2	62.8
Sequatchie	7,655	184	2.4	84	1.1	45.7
Sevier	37,763	1,020	2.7	340	.9	33.3
Shelby	795,174	29,421	3.7	12,723	1.6	43.2
Smith	14,305	315	2.2	86	.6	27.3
Stewart	9,633	260	2.7	87	.9	33.5
Sullivan	135,385	3,385	2.5	1,218	.9	36.0
Sumner	81,251	1,706	2.1	650	.8	38.1
Tipton	33,815	879	2.6	541	1.6	61.5
Trousdale	5,878	217	3.7	112	1.9	51.6
Unicoi	17,139	463	2.7	189	1.1	40.8
Union	10,497	210	2.0	126	1.2	60.0
Van Buren	4,912	113	2.3	34	.7	30.1
Warren	33,138	928	2.8	431	1.3	46.4
Washington	92,787	2,784	3.0	1,021	1.1	36.7
Wayne	13,747	302	2.2	137	1.0	45.4
Weakley	30,986	651	2.1	279	.9	42.9
White	19,454	545	2.8	253	1.3	46.4
Williamson	62,253	1,494	2.4	498	.8	33.3
Wilson	50,421	1,261	2.5	454	.9	36.0

APPENDIX

A. References

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B. DEFINITIONS

CIVILIAN LABOR FORCE - Represents the sum of the employed (exclusive of the Armed Forces), the unemployed, and persons involved in labor disputes, by place of residence.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT - Refers only to employees on established payrolls the week including the 12th of each month; and excludes self-employed, unpaid family workers, domestic workers, agricultural workers, and those involved in labor disputes, by place of work.

ALL OTHER NONAGRICULTURAL EMPLOYMENT - Includes persons who work in nonfarm industries who are not on payrolls, such as the self-employed, domestic workers in private households, and unpaid family workers.

UNIVERSE OF NEED FOR MANPOWER SERVICES - Represents the sum of: (a) all unemployed persons; (b) persons working part-time (less than 35 hours per week) for economic reasons - slack work; (c) persons working full time, but with earnings which do not raise the family income above poverty levels, and (d) persons who are not in the labor force but should be, assuming the removal of barriers to employment.

DISADVANTAGED - An individual is regarded as disadvantaged if he is a poor person (or member of a poor family) who does not have suitable employment, and is one of the following: (1) a school dropout; (2) a member of a minority; (3) under 22 years of age; (4) 45 years of age or older; or (5) handicapped.

Poverty Income Levels

	70% LOWER LEVEL INCOME LIMITS		POVERTY INCOME LEVELS	
Family Size	Metro Area	Non-Metro Area	Non-Farm Family	Farm Family
1	3,010	2,820	4,310	3,680
2	4,940	4,620	5,690	4,850
3	6,780	6,340	7,070	6,020
4	8,370	7,830	8,450	7,190
5	9,880	9,240	9,830	8,360
6	11,550	10,810	11,210	9,530
7	13,220	12,380	12,590	10,700
8	14,890	13,950	13,970	11,870
9	16,560	15,520	15,350	13,040
10	18,230	17,090	16,730	14,210
11	19,900	18,660	18,110	15,380
12	21,570	20,230	19,490	16,550

For family size over twelve (12) add $1,670.00 per person in the Metro Area and add $1,570.00 per person in the Non-Metro Area.

Income limits for families of more than 12 persons are determined by adding $1,380.00 for each additional member of a non-farm family and $1,170.00 for each additional member of a farm family.

Effective 4/81

D. Addresses of Local Offices

Addresses of local Employment and Training Offices and local Claims Centers are found in the appendix of each development district section.

FIRST TENNESSEE DEVELOPMENT DISTRICT

Hancock
Hawkins
Johnson
Washington
Carter
Greene
Unicoi

PREPARED BY:

W. D. Carter
Manpower Specialist
Johnson City
(615) 926-3102

FIRST TENNESSEE DEVELOPMENT DISTRICT

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I. HIGHLIGHTS AND CONCLUSIONS

The economic growth of the First Tennessee Development District should show a steady upward trend for the immediate future. However, this growth may be slowed by the effects of inflation and the high cost of borrowing money for capital expenditures. The addition of new industries and planned expansion of existing industries should help to maintain a steady economic growth but at a somewhat slower pace.

The annual civilian labor force expanded at a rate of 30.7 percent with the addition of 25,234 new jobs.

Population increased by 35,949 or 17.3 percent from 1970 to a projected total of 271,275 in 1982. Substantial increases in older age groups may cause some socio-economic problems for area planners in expanding programs for senior citizens.

II. DESCRIPTION OF AREA

The counties of Carter, Washington, Unicoi, Sullivan, Johnson, Greene, Hawkins and Hancock make up the First Tennessee Development District. It is located in the northeast portion of the state, which is primarily a mountainous region with a number of lakes and rivers. The District is bordered by the states of North Carolina, Virginia and Kentucky.

Sullivan County has been designated a Prime Sponsor; therefore, data for this county will not be used in preparing this report.

III. DISTRICT DEMOGRAPHIC DATA

Population in the First Tennessee Development District is expected to increase by 39,949, or 17.3 percent, between 1970 - 1982. Total population in 1970 was 231,276; it is projected to total 271,225 in 1982. Males make up 49.2 percent of the total and females 50.8 percent. Whites make up 97.6 percent of the total and non-whites 2.4 percent.

Youth population in the age group 0 - 14 decreased by 3.2 percent while the age group 65 - 75+ increased by 44.2 percent.

The effects of the decreasing youth population and the dramatic increase in older citizens may cause some socio-economic problems and be of particular interest to areas planners.

TABLE I

1982 POPULATION SUMMARY

FIRST TENNESSEE

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	18,762	18,060	696	6	9,592	9,169
5-9	19,135	18,536	589	10	9,778	9,357
10-14	21,992	21,455	521	16	11,389	10,603
15-19	22,827	22,086	736	5	11,576	11,251
20-24	20,362	19,613	720	29	10,158	10,204
25-29	20,826	20,231	571	25	10,625	10,201
30-34	23,166	22,714	442	10	12,169	10,997
35-39	19,077	18,738	315	24	10,150	8,928
40-44	15,810	15,576	216	18	7,565	8,244
45-49	14,828	14,648	175	5	6,903	7,925
50-54	14,065	13,784	277	4	6,808	7,257
55-59	14,371	14,190	181	0	6,654	7,717
60-64	13,061	12,817	244	0	6,089	6,973
65-69	12,113	11,896	213	4	5,633	6,480
70-74	9,162	8,921	241	0	3,810	5,352
75+	11,667	11,390	270	7	4,438	7,229
SPECIAL BREAKOUTS						
14-15	8,964	8,708	251	4	4,593	4,371
16-19	18,262	17,669	589	4	9,261	9,001
19 and under	82,716	80,138	2,542	36	42,336	40,380
20-21	8,145	7,845	288	12	4,063	4,081
22-44	91,097	89,026	1,976	95	46,605	44,492
45-54	28,893	28,432	451	9	13,711	15,182
55 and over	60,375	59,214	1,149	11	26,624	33,751
Total	271,225	264,656	6,406	163	133,339	137,886

TABLE IA

FIRST TENNESSEE

TOTAL POPULATION

Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	18,945	16,959	18,762	-183	-1.0
5-9	20,623	20,379	19,135	-1,488	-7.2
10-14	22,331	22,287	21,992	-339	-1.5
15-19	21,494	24,244	22,827	1,333	6.2
20-24	18,891	20,081	20,362	1,471	7.8
25-29	15,900	15,782	20,826	4,926	31.0
30-34	14,029	16,681	23,166	9,137	65.1
35-39	13,587	14,844	19,077	5,490	40.4
40-44	13,322	14,665	15,810	2,488	18.7
45-49	14,040	1[illegible],261	14,828	788	5.6
50-54	13,109	14,824	14,065	956	7.3
55-59	12,160	13,640	14,371	2,211	18.2
60-64	10,004	12,358	13,061	3,057	30.6
65-69	7,841	9,795	12,113	4,272	54.5
70-74	6,365	7,106	9,162	2,797	43.9
75+	8,635	10,413	11,667	3,032	35.1
TOTAL	231,276	248,323	271,225	39,949	17.3

Special Breakout for 1982

14-15	8,964
16-19	18,262
19 and Under	82,716
20-21	8,145
22-44	91,097
45-54	28,893
55 and Over	60,375

TABLE IB

FIRST TENNESSEE

WHITE MALE

Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	9,546	8,399	9,237	-309	-3.2
5-9	10,225	10,271	9,485	-740	-7.2
10-14	11,117	11,081	11,138	21	0.2
15-19	10,351	11,974	11,221	870	8.4
20-24	8,874	9,522	9,774	900	10.1
25-29	7,980	7,269	10,323	2,343	29.4
30-34	6,623	8,397	11,947	5,324	80.4
35-39	6,303	6,947	9,956	3,653	58.0
40-44	6,414	6,914	7,466	1,052	16.4
45-49	6,574	6,895	6,858	284	4.3
50-54	6,265	6,939	6,703	438	7.0
55-59	5,987	6,451	6,559	572	9.6
60-64	4,534	5,972	5,963	1,429	31.5
65-69	3,530	4,298	5,564	2,034	57.6
70-74	2,576	2,949	3,718	1,142	44.3
75+	3,760	3,971	4,337	577	15.4
TOTAL	110,659	118,249	130,250	19,591	17.7

Special Breakout for 1982

14-15	4,472
16-19	8,977
19 and Under	41,082
20-21	3,910
22-44	45,556
45-54	13,562
55 and Over	26,141

TABLE IC

FIRST TENNESSEE

WHITE FEMALE

Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	8,895	7,988	8,823	-72	-0.8
5-9	9,806	9,582	9,051	-755	-7.7
10-14	10,548	14,578	10,317	-231	-2.2
15-19	10,503	11,547	10,865	362	3.4
20-24	9,578	9,956	9,839	261	2.7
25-29	7,592	8,162	9,908	2,316	30.5
30-34	7,177	7,970	10,767	3,590	50.0
35-39	7,108	7,657	8,782	1,674	23.6
40-44	6,616	7,564	8,110	1,494	22.6
45-49	7,264	7,060	7,790	526	7.2
50-54	6,555	7,682	7,081	526	8.0
55-59	5,907	6,906	7,631	1,724	29.2
60-64	5,189	6,125	6,854	1,665	32.1
65-69	4,157	5,240	6,332	2,175	52.3
70-74	3,598	4,022	5,202	1,604	44.6
75+	4,628	6,139	7,054	2,426	39.5
Total	115,121	124,197	134,406	19,285	16.7

Special Breakout for 1982

14-15	4,236
16-19	8,692
19 and Under	39,056
20-21	3,936
22-44	43,470
45-54	14,871
55 and Over	33,073

TABLE ID

FIRST TENNESSEE

BLACK MALE

Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	240	283	352	112	46.7
5-9	296	250	288	- 8	- 2.7
10-14	344	309	241	-103	-29.9
15-19	305	368	350	45	14.8
20-24	211	269	368	157	74.4
25-29	179	178	278	99	55.3
30-34	96	169	220	124	129.2
35-39	49	89	176	127	259.2
40-44	120	50	90	- 30	- 25.0
45-49	115	126	45	- 70	- 60.9
50-54	163	120	105	- 58	- 35.6
55-59	74	155	95	21	28.4
60-64	118	65	126	8	6.8
65-69	70	103	64	-6	-8.6
70-74	73	52	92	19	26.1
75+	145	131	102	-43	-29.7
TOTAL	2,598	2,712	2,992	394	15.2

Special Breakout for 1982

14-15	118
16-19	280
19 and Under	1,231
20-21	147
22-44	985
45-54	150
55 and Over	479

TABLE IE

FIRST TENNESSEE

BLACK FEMALE

Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	249	279	343	94	37.8
5-9	292	261	300	8	2.8
10-14	318	315	280	-38	-11.9
15-19	313	351	386	73	23.3
20-24	196	287	351	155	79.1
25-29	125	165	293	168	134.0
30-34	115	122	222	107	93.0
35-39	122	115	139	17	13.9
40-44	168	132	126	- 42	-25.0
45-49	87	176	130	43	49.4
50-54	126	83	172	46	36.5
55-59	187	128	86	-101	-54.0
60-64	163	192	118	- 45	-27.6
65-69	84	154	149	65	77.4
70-74	112	83	149	37	33.0
75+	93	161	169	76	83.0
TOTAL	2,750	3,004	3,413	663	24.1

Special Breakout for 1982

14-15	133
16-19	309
19 and Under	1,310
20-21	140
22-44	991
45-54	302
55 and Over	671

TABLE IF

FIRST TENNESSEE

OTHER MALE

Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	10	5	3	-7	-70.0
5-9	4	10	5	1	20.0
10-14	4	4	10	6	150.0
15-19	22	4	5	-17	-77.3
20-24	13	35	16	3	23.1
25-29	18	0	25	7	38.9
30-34	10	17	3	-7	-70.0
35-39	0	10	18	18	
40-44	0	0	9	9	
45-49	0	0	0	0	
50-54	0	0	0	0	
55-59	5	0	0	-5	-100.0
60-64	0	4	0	0	
65-69	0	0	4	4	
70-74	0	0	0	0	
75+	0	0	0	0	
TOTAL	86	89	98	12	13.9

Special Breakout for 1982

14-15	3
16-19	4
19 and Under	22
20-21	6
22-44	64
45-54	0
55 and Over	4

TABLE IG

FIRST TENNESSEE

OTHER FEMALE

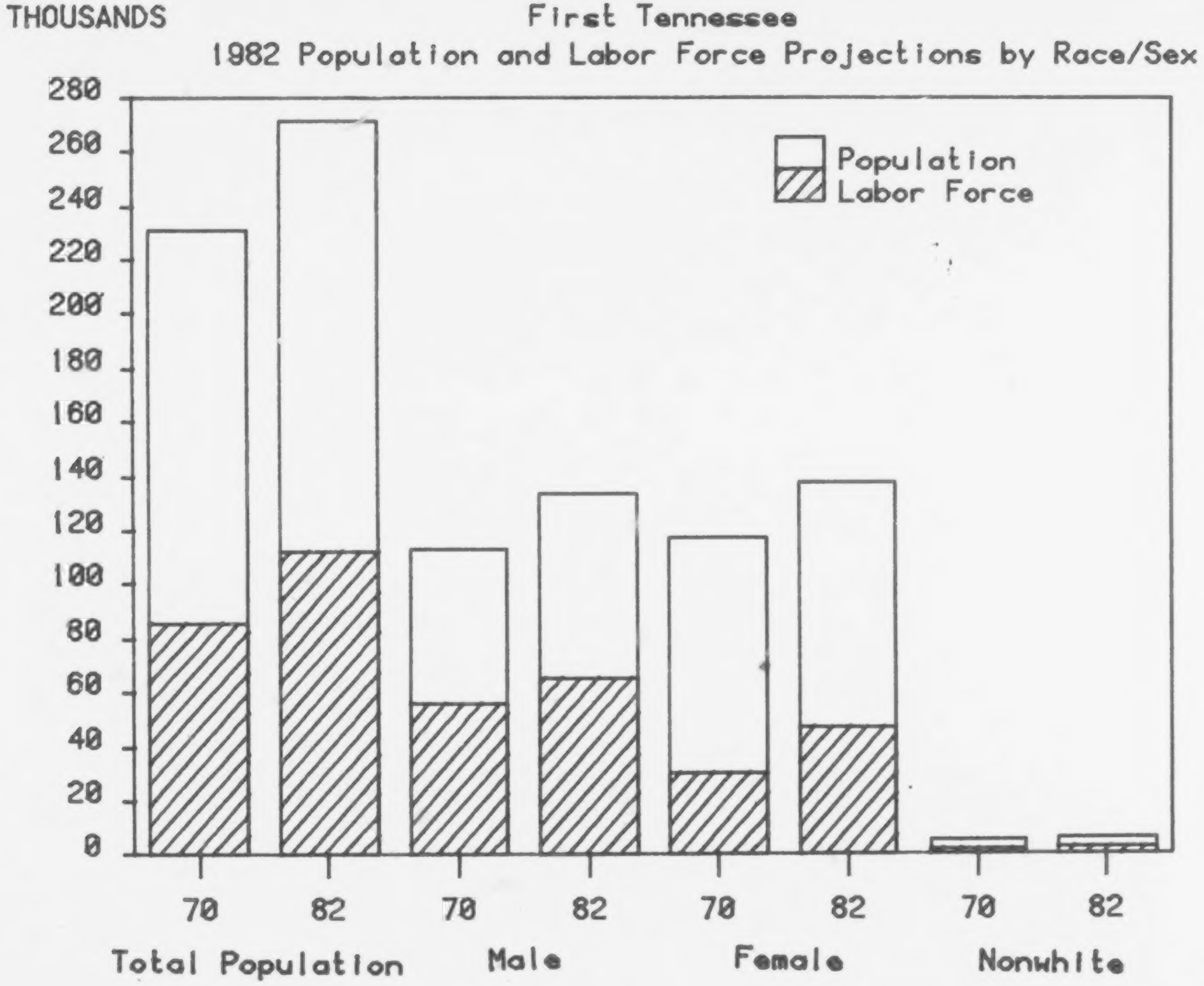
Age	1970	1975	1982	Net Change 1970-1982	Percent Change 1970-1982
0-4	5	5	3	-2	-40.0
5-9	0	5	5	5	
10-14	0	0	6	6	
15-19	0	0	0	0	
20-24	19	12	14	-5	-26.3
25-29	6	8	0	-6	-100.0
30-34	8	6	8	0	0
35-39	5	8	7	2	40.0
40-44	4	5	9	5	125.0
45-49	0	4	5	5	
50-54	0	0	4	4	
55-59	0	0	0		
60-64	0	0	0		
65-69	0	0	0		
70-74	6	0	0	-6	-100.0
75+	9	11	7	-2	- 22.2
TOTAL	62	64	68	6	9.7

Special Breakout for 1982

14-15	1
16-19	0
19 and Under	13
20-21	5
22-44	31
45-54	9
55 and Over	7

GRAPH I

First Tennessee
1982 Population and Labor Force Projections by Race/Sex



IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor Force

The annual average civilian labor force in the First Tennessee Development District is expected to show a steady increase through 1982. In 1970, the labor force was 86,065 persons. It should increase by 26,445 to a projected total of 112,510 persons in 1982. This increase of 30.7 percent has been absorbed into the labor force--allowing the district to maintain an unemployment rate slightly below the state rate. Whites make up 97.6 percent of the labor force and non-whites make up 2.4 percent. Males make up 57.9 percent and females 42.1 percent.

B. Employment

Employment increased by 17.4 percent from 1970 to 1981. In 1970, employment totaled 80,299; it rose to 105,579 in 1981. Projected employment in 1982 is expected to reach 105,534--a net decrease of 45. While this decrease is in inself not significant, it may be an indication of decreased employment in the immediate future due to a generally sluggish economy which has not yet had its full impact on the district.

C. Unemployment

Unemployment in 1970 was 2,959 persons, or 5.4 percent of the labor force. In 1982, the projected unemployment total is 2,981 persons, or 4.7 percent of the area's labor force. This is a projected reduction of .03 percent, but worsening economic conditions brought on by the high cost of borrowing money and other inflationary factors may cause industries to delay or cancel planned expansion programs, resulting in higher than projected unemployment.

TABLE II

FIRST TENNESSEE

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	2,596	2,476	120	1,542	1,054
18-19	5,249	5,074	174	2,815	2,433
20-24	14,104	13,575	529	7,447	6,656
25-34	34,371	33,595	775	19,511	14,860
35-44	25,723	25,242	482	14,874	10,849
45-64	27,567	27,060	508	17,171	10,397
65+	2,900	2,745	156	1,860	1,041
SPECIAL BREAKOUTS					
16-19	7,845	7,550	294	4,357	3,487
20-21	5,642	5,430	212	2,979	2,663
22-44	68,556	66,982	1,574	38,854	29,703
45-54	13,784	13,530	254	8,585	5,198
55 & Over	16,683	16,275	410	10,445	6,239
TOTAL	112,510	109,767	2,744	65,220	47,290

TABLE IIA

FIRST TENNESSEE

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	86,065	112,510	30.7	80,299	105,534	31.4	5,766	6,976	21.0	6.7	6.2
16-17	1,459	2,596	77.9								
18-19	4,011	5,249	30.9								
20-24	11,930	14,104	18.2	Information not available for age breakouts							
25-34	20,378	34,371	68.7								
35-44	18,432	25,723	39.6								
45-64	27,237	27,567	1.2								
65 and over	2,618	2,900	10.8								
Special Breakouts for 1982											
16-19		7,845									
20-21		5,642									
22-44		68,556									
45-54		13,784									
55 and over		16,683									

TABLE IIB

FIRST TENNESSEE

WHITE MALE

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	54,862	63,922	16.5	51,903	60,941	14.8	2,959	2,981	0.7	5.4	4.7
16-17	1,018	1,522	49.5								
18-19	2,147	2,736	27.4								
20-24	6,689	7,225	8.0	Information not available for age breakouts							
25-34	13,508	19,059	41.1								
35-44	11,664	14,638	25.5								
45-64	18,121	16,944	-6.5								
65 and over	1,715	1,798	4.8								

Special Breakouts for 1982

16-19	4,258
20-21	2,890
22-44	38,032
45-54	8,472
55 and over	10,270

TABLE IIC

FIRST TENNESSEE

WHITE FEMALE

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	29,254	45,843	36.2	26,657	42,210	58.3	2,597	3,633	39.9	8.0	7.9
16-17	402	954	137.3								
18-19	1,757	2,338	33.1								
20-24	4,969	6,349	27.8	Information not available for age breadouts							
25-34	6,458	14,536	125.1								
35-44	6,388	10,604	66.0								
45-64	8,509	10,116	18.9								
65 & over	771	946	22.7								

Special Breakouts for 1982

16-19	3,292
20-21	2,540
22-44	28,949
45-54	5,058
55 & over	6,004

TABLE IID

FIRST TENNESSEE

NON-WHITE MALE

AGE	CIVILIAN LABOR FORCE 1970	1982	PERCENT CHANGE	EMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT RATE 1970	1982
Total	1,014	1,298	28.0	887	1,129	13.0	108	169	56.5	10.9	13.0
16-17	11	20	81.8								
18-19	54	79	46.3								
20-24	138	222	60.9	Information not available for age breakouts							
25-34	282	452	60.3								
35-44	162	237	46.3								
45-64	305	227	-25.6								
65 & over	62	61	-1.6								
Special Breakouts for 1982											
16-19		99									
20-21		89									
22-44		822									
45-54		113									
55 & over		175									

TABLE IIE

FIRST TENNESSEE

NON-WHITE FEMALE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	935	1,446	54.8	812	1,254	54.4	102	192	88.2	11.2	13.3
16-17	28	100	257.1								
18-19	53	95	79.2								
20-24	134	307	129.1	Information not available for age breakouts							
25-34	130	324	149.2								
35-44	218	245	12.4								
45-64	302	281	-6.9								
65 and over	70	94	34.3								
Special Breakouts for 1982											
16-19		195									
20-21		123									
22-44		753									
45-54		140									
55 and over		235									

TABLE III

FIRST TENNESSEE DEVELOPMENT DISTRICT CPS LABOR FORCE ESTIMATES

	Labor Force		Employment		Unemployment		Rate	
	1979	1980	1979	1980	1979	1980	1979	1980
Carter	20,100	20,670	18,740	19,150	1,360	1,520	6.8	7.4
Greene	21,400	23,450	19,880	21,550	1,520	1,930	7.1	8.2
Hancock	1,680	1,720	1,470	1,500	210	220	12.5	12.8
Hawkins	16,390	16,940	15,470	15,820	920	1,120	5.6	6.6
Johnson	5,620	5,780	5,240	5,370	380	410	6.8	7.1
Unicoi	6,610	6,870	6,180	6,320	430	550	6.5	8.9
Washington	34,440	35,550	32,670	33,400	1,770	2,150	5.1	6.0
Total	106,240	110,980	99,650	103,110	6,590	7,900	6.2	7.1

D. Characteristics of the Unemployed

An examination of 1,703 unemployment insurance claimants showed that the largest number of those looking for jobs were in the following occupations: clerical and sales (323, or 19 percent), benchwork (231, or 14 percent), machine trades (179, or 10 percent), structural work (346, or 20 percent), and professional, technical and managerial (147, or 9 percent).

Fifty-five percent of the claimants were male and 45 percent were female, with 86 percent belonging to the 22 and over age group. Educational levels ranged from 18 percent having completed grades 0 through 8, 66 percent having completed grades 9 through 12, and 15 percent having had some college education.

Nineth-eight percent of the claimants studies were white and 2 percent were non-white. Veterans represented a substantial portion--19 percent. Economically disadvantaged persons comprised 14 percent and the percentage of handicapped claimants was 4 percent. The relatively high number of unemployed veterans indicates that an increased effort to secure jobs for veterans may be required.

TABLE IV

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	8.6
2 Clerical and Sales	19.0
3 Services	8.6
4 Farming, Fisheries, Forestry	0.9
5 Processing	3.9
6 Machine Trades	10.5
7 Benchwork	13.6
8 Structural Work	20.3
9 Miscellaneous	13.1
Partials and Invalid Claims	1.4

SEX	PERCENT	EDUCATION	PERCENT
Males	55.0	0-8	17.9
Females	45.0	9-12	65.9
AGE		13-16	15.2
0-21	13.9	MISCELLANEOUS	
22 and over	86.1	Disadvantaged	14.1
RACE		Veteran	18.4
White	99.7	Handicapped	4.2
Black	2.2	Welfare	1.1
Other	0.1	Foodstamp	2.9

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
First Tennessee		1,703	55.0	45.0	13.9	67.7	18.4	17.9	65.9	15.2	97.7	2.2	0.1	14.1	18.4	1.1	4.2	2.9
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	147	55.8	44.2	5.4	78.2	16.4	3.4	32.0	57.8	98.0	2.0	0	10.9	28.6	0.7	6.1	0
Prof. & Tech.	00-16	97	48.5	51.5	5.2	79.4	15.4	1.0	24.7	60.8	97.9	2.1	0	11.3	25.8	1.0	4.1	0
Architecture & Engineering	00-01	15	73.3	26.7	20.0	73.3	6.7	0	26.7	73.3	93.3	6.7	0	20.0	33.3	0	0	0
Math & Phy. Science	02	4	75.0	25.0	0	100.0	0	0	25.0	50.0	100.0	0	0	0	25.0	0	0	0
Life Science	04	7	71.4	28.6	14.3	85.7	0	0	0	71.4	85.7	14.3	0	28.6	14.3	0	14.3	0
Social Sciences	05	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Medicine & Health	07	24	16.7	83.3	4.2	70.8	25.0	4.2	25.0	58.3	100.0	0	0	8.3	4.2	0	4.2	0
Education	09	13	30.8	69.2	0	92.3	7.7	0	23.1	38.4	100.0	0	0	15.4	7.7	7.7	0	0
Museum & Archival Ser.	10	2	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	0																
Art	14	2	50.0	50.0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Entertainment & Recreation	15	3	75.0	25.0	0	100.0	0	0	33.3	33.0	100.0	0	0	0	0	0	0	0
Administrative Specializations	16	26	57.7	42.3	0	76.9	23.1	0	30.8	65.4	100.0	0	0	7.7	50.0	0	7.7	0
Managerial	18	43	69.8	30.2	7.0	74.4	18.6	2.3	48.8	48.8	100.0	0	0	9.3	30.2	0	9.3	0
Miscellaneous Professional, Tech.	19	7	71.4	28.6	0	85.7	14.3	0	28.6	71.4	85.7	14.3	0	14.3	57.1	0	14.3	0
CLERICAL & SALES	2	323	21.4	78.6	13.9	70.9	15.2	3.1	71.8	24.5	98.1	1.5	0.3	9.3	9.6	2.2	2.2	2.2
Clerical	20-24	258	15.1	84.9	14.0	73.2	12.8	2.3	73.7	24.0	98.4	1.6	0	10.1	7.0	2.3	1.9	1.2
Typing, Filing, & Related Work	20	104	4.8	95.2	11.5	76.9	11.6	1.0	70.2	28.8	98.1	1.9	0	8.7	5.8	2.9	1.0	0
Computing & Account Recording	21	101	8.9	91.9	12.9	72.2	14.9	3.0	75.2	21.8	100.0	0	0	9.9	6.0	4.0	0	1
Material & Production Recording	22	27	77.8	22.2	22.2	70.4	7.4	7.4	81.5	11.1	92.6	7.4	0	7.4	11.1	0	7.4	7.4
Infor. & Message Distribution	23	16	12.5	87.5	25.0	62.5	12.5	0	68.8	31.2	100.0	0	0	25.0	12.5	0	6.3	0
Misc. Clerical	24	10	20.0	80.0	10.0	70.0	20.0	0	80.0	20.0	100.0	0	0	10.0	10.0	0	10.0	0
Sales	25-29	65	46.2	53.8	13.8	61.6	24.6	7.7	64.6	26.2	97.0	1.5	1.5	6.1	20.0	0	3.1	6.2
Salesperson, Ser.	25	0																
Salespersons, Commodities	26-28	29	58.6	41.4	10.3	72.4	17.3	6.9	48.3	44.8	100.0	0	0	10.3	31.0	0	3.4	6.9
Merchandising, except Sales	29	36	36.1	63.9	16.7	52.7	30.6	8.3	77.8	11.1	94.4	2.8	2.8	2.8	11.1	0	2.8	5.6

TABLE V (Cont.)

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	146	29.5	70.5	17.1	53.4	29.5	25.3	64.4	10.3	95.9	4.1	0	19.2	11.6	0	8.2	3.4
Domestic	30	5	0	100.0	0	60.0	40.0	60.0	40.0	0	80.0	20.0	0	20.0	0	0	0	0
Other Service	31-38	141	30.5	69.5	17.7	53.2	29.1	24.1	65.3	10.6	96.5	3.5	0	19.1	12.1	0	8.5	3.5
Food Preparation & Service	31	52	23.1	76.9	23.1	44.2	32.7	30.8	55.8	13.4	100.0	0	0	9.6	5.8	0	3.8	1.9
Lodging & kindred	32	9	11.1	88.9	0	55.6	44.4	33.3	66.7	0	88.9	11.1	0	0	11.1	0	11.1	0
Barbering & kindred	33	3	0	100.0	66.7	33.3	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Amusement & kindred	34	1	100.0	0	0	0	100.0	0	100.0	0	100.0	0	0	0	0	0	0	0
Mis. Personal Ser.	35	34	5.9	94.1	17.6	58.9	23.5	14.7	79.4	5.9	94.1	5.9	0	23.5	5.9	0	5.9	0
Apparel & Furnish.	36	5	0	100.0	0	40.0	60.0	40.0	60.0	0	100.0	0	0	20.0	20.0	0	0	0
Protective Service	37	16	93.8	6.2	6.2	68.8	25.0	12.5	56.3	31.2	100.0	0	0	31.3	50.0	0	31.3	18.8
Building & kindred	38	21	57.1	42.9	19.0	57.1	23.9	28.6	66.7	4.7	90.5	9.5	0	38.1	9.5	0	9.5	4.8
FARMING, FISHERY, FORESTRY	4	16	68.8	31.2	12.5	50.0	37.5	56.3	43.7	0	100.0	0	0	37.5	12.5	0	6.3	0
Plant Farming	40	9	55.6	44.4	0	44.4	55.6	66.7	33.3	0	100.0	0	0	22.2	22.2	0	0	0
Animal Farming	41	3	66.7	33.3	33.3	66.7	0	0	100.0	0	100.0	0	0	33.3	0	0	0	0
Misc. Farming	42	2	100.0	0	0	50.0	50.0	50.0	50.0	0	100.0	0	0	100.0	0	0	50.0	0
Fishery & kindred	44	0																
Forestry	45	2	100.0	0	50.0	50.0	0	100.0	0	0	100.0	0	0	50.0	0	0	0	0
Agricultural Service	46	0																
PROCESSING	5	67	35.8	64.2	9.0	58.2	32.8	32.8	62.7	4.5	98.5	1.5	0	9.0	9.0	1.5	3.0	1.5
Metal	50	3	33.3	66.7	33.3	66.7	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Refining & Foundry	51	3	66.7	33.3	66.7	33.3	0	0	100.0	0	100.0	0	0	0	33.3	0	0	0
Food & kindred	52	37	13.5	86.5	0	51.4	48.6	48.6	51.4	0	100.0	0	0	8.1	5.4	2.7	0	0
Paper & kindred	53	1	0	100.0	100.0	0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	12	66.7	33.3	16.7	58.3	25.0	33.3	66.7	0	100.0	0	0	16.7	16.7	0	8.3	8.3
Wood & Wood Products	56	0																
Stone, Clay & kindred	57	3	33.3	66.7	0	100.0	0	0	100.0	0	100.0	0	0	33.3	0	0	0	0
Leather, Textiles kindred	58	5	80.0	20.0	0	80.0	20.0	0	60.0	40.0	100.0	0	0	0	20.0	0	20.0	0
Processing, N.E.C.	59	3	100.0	0	0	100.0	0	0	66.7	33.3	66.7	33.3	0	0	0	0	0	0
MACHINE TRADES	6	179	74.9	25.1	15.6	65.4	19.0	15.6	75.4	8.4	97.8	2.2	0	16.2	26.8	1.1	5.0	3.4
Metal Machining	60	28	64.3	35.7	10.7	75.0	14.3	0	89.3	10.7	92.9	7.1	0	17.9	17.9	0	7.1	10.7
Metalworking, N.E.C.	61	41	63.4	36.6	21.9	61.0	17.1	21.9	68.3	9.8	100.0	0	0	21.9	17.1	0	4.9	0
Machine Repairmen	62-63	57	98.2	1.8	10.5	66.7	22.8	17.5	71.9	10.6	100.0	0	0	12.3	49.1	0	5.3	1.8
Paperworking	64	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Printing	65	0																
Wood Machining	66	16	81.3	18.7	12.5	62.5	25.0	37.5	56.2	6.3	100.0	0	0	18.7	25.0	0	6.3	12.5
Maching Stone, Glass & kindred	67	0																
Textile	68	22	59.1	40.9	18.2	59.1	22.7	9.1	81.8	9.1	90.9	9.1	0	13.6	13.6	9.1	0	0
Machine Trades, N.E.C.	69	14	57.1	42.9	28.6	64.3	7.1	7.1	92.9	0	100.0	0	0	14.3	7.1	0	7.1	0

TABLE V (Cont.)

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCH WORK (Fabrication, Assembly, & Repair)	7	231	28.1	71.9	14.7	69.3	16.0	17.7	77.5	4.8	97.0	3.0	0	18.2	9.5	2.2	4.8	0.8
Metal Products, N.E.C.	70	41	22.0	78.0	12.2	70.7	17.1	14.6	83.0	2.4	95.1	4.9	0	14.6	7.3	0	4.9	2.4
Scientific & Medical Good & kindred	71	4	50.0	50.0	0	100.0	0	0	75.0	25.0	100.0	0	0	25.0	50.0	25.0	0	0
Electrical Equipment	72	71	21.1	78.9	14.1	77.5	8.4	2.8	88.7	8.5	97.2	2.8	0	15.5	7.0	1.4	1.4	0
Products from Assorted Materials	73	3	75.0	25.0	0	100.0	0	0	100.0	0	100.0	0	0	33.3	66.7	0	33.3	0
Painting & kindred	74	14	57.1	42.9	14.3	57.1	28.0	35.7	64.3	0	92.8	7.2	0	0	14.3	0	14.3	0
Plastics, Rubber & kindred	75	12	50.0	50.0	16.7	83.3	0	8.3	91.7	0	100.0	0	0	33.3	8.3	8.3	8.3	0
Wood Products	76	29	48.3	51.7	17.2	62.1	20.7	37.9	55.2	6.9	96.6	3.4	0	24.1	10.3	0	3.4	0
Sand, Stone & kindred Products	77	2	100.0	0	50.0	50.0	0	50.0	50.0	0	100.0	0	0	0	0	0	0	0
Textile, Leather & kindred Products	78	50	12.0	88.0	18.0	56.0	26.0	26.0	72.0	2.0	98.0	2.0	0	24.0	6.0	4.0	4.0	2.0
Benchwork, N.E.C.	79	5	20.0	80.0	0	80.0	20.0	40.0	60.0	0	100.0	0	0	0	20.0	0	20.0	0
STRUCTURAL WORK	8	346	92.5	7.5	15.6	68.2	16.2	22.3	67.3	10.4	97.7	2.3	0	15.6	28.0	0.2	3.5	6.6
Metal Fabricating, N.E.C.	80	40	90.0	10.0	20.0	70.0	10.0	12.5	75.0	12.5	100.0	0	0	2.5	25.0	0	2.5	2.5
Welders & kindred	81	31	74.2	25.8	19.4	58.1	22.5	25.8	74.2	0	100.0	0	0	16.1	29.0	3.2	9.7	9.7
Electrical	82	46	89.1	10.9	4.3	80.4	15.3	13.0	76.1	10.9	97.8	2.2	0	4.3	45.7	0	2.2	0
Painting, Plastering & kindred	84	26	92.3	7.7	11.5	69.2	19.3	38.5	53.8	7.7	96.1	3.9	0	11.5	23.1	0	0	3.9
Excavating & kindred	85	16	93.8	6.2	12.5	87.5	0	25.0	68.8	6.2	87.5	12.5	0	6.2	18.8	0	0	12.5
Construction	86	171	96.5	3.5	17.5	66.1	16.4	23.4	63.7	12.9	97.7	2.3	0	21.1	26.3	0	0	0
Structural, N.E.C.	89	16	100.0	0	18.8	50.0	31.2	25.0	68.8	6.2	100.0	0	0	37.5	18.8	0	12.5	6.2
MISCELLANEOUS	9	224	80.4	19.6	13.4	70.1	16.5	32.1	60.7	7.0	98.2	1.3	0.5	10.3	21.4	0.9	4.0	2.2
Motor Freight, Transportation	90-91	101	98.0	2.0	7.9	76.2	15.9	26.8	67.3	5.9	100.0	0	0	10.9	39.6	1.0	4.0	3.0
Packaging & Material Handling	92	113	65.5	34.5	15.9	65.5	18.6	38.9	54.9	6.2	96.5	2.7	0.9	10.6	5.3	0.9	2.7	1.8
Other Misc.	93-97	10	70.0	30.0	40.0	60.0	0	10.0	60.0	20.0	100.0	0	0	0	20.0	0	20.0	0
Extraction of Minerals	93	2	100.0	0	100.0	0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Production & Distribution of Utilities	95	4	100.0	0	0	100.0	0	0	75.0	25.0	100.0	0	0	0	50.0	0	50.0	0
Amusement & kindred, N.E.C.	96	1	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	0	0	0	0
Graphic Art Work	97	3	33.3	66.7	66.7	33.3	0	33.3	66.7	0	100.0	0	0	0	0	0	0	0
PARTIALS & INVALID CODES	99	24	33.3	66.7	16.7	58.3	25.0	25.0	75.0	0	100.0	0	0	25.0	0	4.2	0	4.2

*W-White, B-Black, O-Other

E. Industry

Nonagriculture employment increased by 2.9 percent from 1979 to 1980. Manufacturing employment rose 0.8 percent, while nonmanufacturing went up 4.6 percent. Substantial increases were recorded in paper & allied products (SIC 26), apparel (SIC 23), and primary metals (SIC 33), while substantial losses were recorded in rubber & miscellaneous plastic products (SIC 30), printing & publishing (SIC 27), and furniture (SIC 25). Manufacturing represented 43 percent of the nonagriculture work force; nonmanufacturing represented 57 percent.

Nonmanufacturing employment increased by 4.6 percent with government (SIC 91-97) adding 9.4 percent. All other nonmanufacturing industries showed increases except contract construction (SIC 15-17) which decreased by 8.0 percent.

TABLE VI

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
Total	72,310	74,425	+2,115	+2.9
Manufacturing	31,502	31,743	+241	+0.8
Durable Goods	17,510	17,309	-201	-1.1
Lumber	591	672	+81	+13.7
Furniture	1,263	1,138	-125	-9.9
Stone, Clay, and Glass	976	941	- 35	-3.6
Primary Metal Industries	833	1,040	+207	+24.8
Fabricated Metal Products	2,342	2,101	-241	-10.3
Machinery, Non-electrical	941	967	+26	+2.8
Electrical Machinery, Equipment and Supplies	10,106	10,052	-50	-0.5
Transportation Equipment	90	95	+5	+5.6
Professional, Scientific and Controlling Instruments	1/	1/	1/	1/
All Other Durable	368	303	-65	-17.7
Nondurable Goods	13,992	14,434	+442	+3.2
Food and Kindred Products	984	1,086	+102	+10.4
Tobacco	310	280	-30	-9.7
Textile Mill Products	3,512	3,459	-53	-1.5
Apparel	2,836	3,177	+341	+12.0
Paper and Allied Products	317	849	+532	+167.8
Printing and Publishing	1,224	971	-253	-20.7
Chemicals and Allied Products	3,223	3,357	+134	+4.2
Petroleum and Refining	0	0	0	0
Rubber and Miscellaneous	1,236	905	-331	-26.8
Leather	350	350	0	0
All Other Nondurable	0	0	0	0
Nonmanufacturing	40,808	42,682	+1,874	+4.6
Contract Construction	3,963	3,644	-319	-8.0
Transportation and Public Utilities	2,067	2,201	+134	+6.5
Trade	9,454	9,630	+176	+1.9
Finance, Insurance and Real Estate	1,953	2,003	+50	+2.6
Services	8,298	8,705	+407	+4.9
Government	14 939	16,343	+1,404	+9.4
All Other Nonmanufacturing	134	156	+22	+16.4

1/Included in "All Other Durable" to avoid disclosure of individual establishment data.

F. Occupation

Annual average job openings are expected to show an increase of 25.5 percent from the 1970 total of 134,431 to 1982's projected total of 168,767. The greatest category increase (51.6 percent) will occur among managers, officials, and proprietors. Crafts and kindred workers will see a 51.4 percent increase during the period. Farmers and farm workers will be the only category to show a decrease--34.7 percent since 1970. The farm workers group now comprises less than 1.0 percent of those employed. The operatives category--which will show only 14.8 percent growth--shows the largest number of average annual job openings (1,786).

TABLE VII

PROJECTED EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1982	Avg. Annual Job Openings
Total, All Occupations	134,431	168,767	25.5	7,257
Professional, Technical and Kindred	15,376	19,985	30.0	891
Managers, Officials, and Proprietors	8,356	12,670	51.6	635
Sales Workers	6,828	9,475	38.8	500
Clerical Workers	14,530	20,217	39.1	1,253
Crafts and Kindred Workers	19,349	29,295	51.4	1,248
Operatives	28,882	33,161	14.8	1,786
Service Workers	12,534	13,249	5.7	656
Laborers, Except Farm	4,937	6,391	29.4	225
Farmers and Farm Workers	5,383	3,517	-34.7	61
Occupational Unclassified	18,256	20,807	—	2

Source: Tennessee Employment Outlook, 1970-1980.
Tennessee Department of Employment Security.

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Analysis

An analysis of applicants for one month from the Employment Security Automated Reporting System (ESARS) reveals a total of 7,443 applicants for work in all listed occupations. Benchwork accounts for 12.8 percent of the applicants, clerical and sales 13.4 percent, structural 15.9 percent, services 13.3 percent, machine trades 8.1 percent, and miscellaneous occupations 10.3 percent of all applicants. In these occupational groupings, 51 percent are male and 48.9 percent female applicants. Ninety-six percent are white, while 4 percent are non-white. Persons classified as disadvantaged total 2,977, or 40 percent of the total applicants. This group may require some assistance or vocational training to bring them into the labor force.

TABLE VIII

ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	4.9
2 Clerical and Sales	13.4
3 Services	13.3
4 Farming, Fisheries, Forestry	2.3
5 Processing	1.9
6 Machine Trades	8.1
7 Benchwork	12.8
8 Structural Work	15.9
9 Miscellaneous	10.3
Partials and Invalid Claims	17.0

SEX	PERCENT	EDUCATION	PERCENT
Males	51.1	0-8	26.8
Females	~~5~~48.9	9-12	63.1
AGE		13-16	8.6
0-21	23.3	MISCELLANEOUS	
22 and over	76.7	Disadvantaged	40.0
RACE		Veteran	14.1
White	95.7	Handicapped	6.3
Nonwhite	4.3	Welfare	17.0
Nonwhite Female	2.5	Foodstamp	18.5

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980.

TABLE IX

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
First Tennessee		7,443	51.1	48.9	23.3	60.0	16.7	26.8	63.1	8.6	95.7	4.3	2.5	40.0	14.1	17.0	6.3	18.5
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	364	57.4	42.6	8.5	78.3	13.2	2.2	36.5	53.6	95.1	4.4	1.1	22.8	35.4	5.5	7.4	9.6
Prof. & Tech.	00-16	234	49.1	50.9	9.4	79.5	11.1	1.7	32.9	54.3	95.3	4.7	0.8	23.1	32.0	6.0	6.8	9.8
Architecture & Engineering	00-01	41	75.6	24.4	22.0	75.6	2.4	2.4	43.9	53.7	95.1	4.9	0	26.8	53.7	2.4	4.9	9.8
Math & Phy. Science	02	10	70.0	30.0	0	100.0	0	0	10.0	70.0	80.0	20.0	0	0	40.0	0	10.0	10.0
Life Science	04	16	81.2	18.8	6.3	93.7	0	0	0	81.2	87.5	12.5	0	25.0	31.2	0	6.3	6.3
Social Sciences	05	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Medicine & Health	07	52	15.4	84.6	11.5	77.0	11.5	5.8	46.1	42.3	96.1	3.9	3.9	36.5	11.5	15.4	3.9	13.5
Education	09	38	26.3	73.7	10.5	73.7	15.8	0	31.6	39.5	97.4	2.6	0	26.3	13.2	10.5	2.6	13.2
Museum & Archival Ser.	10	4	50.0	50.0	0	75.0	25.0	0	25.0	75.0	100.0	0	0	0	0	0	0	0
Law & Jurisprudence	11	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0
Religion & Theology	12	1	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0	0	0	0	0	0
Writing	13	2	50.0	50.0	0	100.0	0	0	50.0	50.0	100.0	0	0	100.0	50.0	0	0	100.0
Art	14	8	37.5	62.5	25.0	62.5	12.5	0	37.5	62.5	100.0	0	0	25.0	12.5	0	0	12.5
Entertainment & Recreation	15	7	71.4	28.6	0	100.0	0	0	14.3	71.4	85.7	14.3	0	0	0	0	0	0
Administrative Specializations	16	53	66.0	34.0	0	81.1	18.9	0	26.4	64.1	98.1	1.9	0	7.6	56.6	0	17.0	0
Managerial	18	107	76.6	23.4	5.6	75.7	18.7	2.8	46.7	48.6	98.1	1.9	0.9	18.7	41.1	4.7	7.5	8.4
Miscellaneous Professional, Tech.	19	23	52.2	47.8	13.0	78.3	8.7	4.4	26.1	69.5	87.0	13.0	4.4	39.1	43.5	4.4	13.0	13.0
CLERICAL & SALES	2	997	19.6	80.4	23 9	65.9	10.2	5.8	72.3	21.7	95.6	4.4	37.1	33.8	8.1	16.4	4.4	5.6
Clerical	20-24	837	13.6	86.4	24.6	66.6	8.8	5.5	73.4	21.1	95.3	4.7	3.8	36.2	7.8	17.9	4.9	5.7
Typing, Filing, & Related Work	20	343	4.4	95.6	22.2	71.1	6 7	2.6	71.1	26.3	94 8	5.2	1.8	33.5	5.5	1.3	2.9	3.5
Computing & Account Recording	21	324	8.3	91.7	27.5	62.3	10.2	8.0	74.1	17.6	95.6	4.4	4.0	39.8	5.9	25.3	5.3	7.1
Material & Production Recording	22	81	76.5	23.5	17.3	74.1	8.6	9.9	77.8	12.3	93.8	6.2	0	30.9	25.9	8.6	7.4	12.4
Infor. & Message Distribution	23	52	7.7	92.3	36.6	53.8	9.6	5.8	71.1	23.1	98.1	1.9	1.9	34.6	5.8	13.5	11.5	3.9
Misc. Clerical	24	37	16.2	83.8	21.6	62.2	16.2	0	81.1	18.9	97.3	2.7	2.7	43.2	8.1	29.7	5.4	2.7
Sales	25-29	160	50.6	49.4	20.0	62.5	17.5	7.5	66.9	25.0	96.9	3.1	3.1	21.2	10.0	8.1	1.9	5.0
Salesperson, Ser.	25	6	100.0	0	16.7	66.7	16.6	0	50.0	50.0	100.0	0	0	0	66.7	0	0	0
Salesperson, Commodities	26-28	73	63.0	37.0	15.0	70.0	15.0	5.5	52.0	39.7	100.0	0	0	28.9	31.5	11.0	11.0	9.6
Merchandising, except Sales	29	81	35.8	64.2	24.7	55.6	19.7	9.9	79.0	9.9	93.8	6.2	6.2	28.4	14.8	11.1	2.4	9.9

TABLE IX

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS.	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	992	19.6	80.4	21.3	54.5	24.2	36.8	59.0	4.1	93.2	6.8	5.7	61.9	7.9	37.2	12.3	12.7
Domestic	30	246	9.3	90.7	10.2	49.6	40.2	60.6	38.6	0.8	91.5	8.5	8.5	78.0	2.0	52.8	23.6	14.6
Other Service	31-38	746	22.9	77.1	24.9	56.2	18.9	28.9	65.7	5.2	93.8	6.2	4.8	56.6	9.8	32.0	8.6	12.1
Food Preparation & Service	31	327	14.7	85.3	32.4	50.1	17.5	30.0	65.1	4.9	95.7	4.3	3.7	56.3	5.2	33.3	5.5	11.1
Lodging & kindred	32	54	7.4	92.6	14.8	53.7	31.5	48.1	51.9	0	90.7	9.3	1.8	61.1	1.8	44.4	18.5	13.0
Barbering & kindred	33	13	7.7	92.3	30.7	61.5	7.8	0	92.3	7.7	100.0	0	0	53.8	7.7	46.1	0	7.7
Amusement & kindred	34	3	66.7	33.3	0	100.0	0	33.3	66.7	0	100.0	0	0	33.3	0	33.3	0	0
Mis. Personal Ser.	35	188	9.6	90.4	23.4	65.4	11.2	19.7	75.5	4.8	91.5	8.5	8.5	60.6	6.9	37.8	6.4	7.4
Apparel & Furnish.	36	23	8.7	91.3	4.3	69.6	26.1	34.8	65.2	0	95.6	4.4	4.4	56.5	8.7	34.3	8.7	13.0
Protective Service	37	62	80.6	19.4	12.9	64.5	22.6	24.2	56.4	19.4	95.2	4.8	3.2	48.4	48.4	11.3	19.3	22.6
Building & kindred	38	76	60.5	39.5	19.7	47.4	32.9	42.1	56.6	1.3	90.8	9.2	2.6	52.6	11.8	17.1	13.2	19.7
FARMING, FISHERY, FORESTRY	4	170	81.1	18.9	30.0	45.9	24.1	56.5	41.8	1.7	99.4	0.6	0.6	63.5	7.6	15.9	4.7	31.2
Plant Farming	40	52	65.4	34.6	26.9	46.1	27.0	51.9	46.2	1.9	98.1	1.9	1.9	51.9	17.3	23.1	9.6	15.4
Animal Farming	41	17	70.6	29.4	35.3	47.1	17.6	35.3	58.8	5.9	100.0	0	0	64.7	5.9	11.8	5.9	29.4
Misc. Farming	42	81	90.1	9.9	28.4	44.4	27.2	66.7	32.1	1.2	100.0	0	0	74.1	3.7	13.6	1.2	43.2
Fishery & kindred	44	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Forestry	45	18	94.4	5.6	44.4	44.4	11.2	44.4	55.6	0	100.0	0	0	55.6	0	11.1	5.6	27.8
Agricultural Service	46	1	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0	0	0	100.0
PROCESSING	5	145	46.9	53.1	15.2	58.6	26.2	32.4	63.5	2.8	98.6	1.4	0.7	28.3	15.9	11.7	3.5	16.6
Metal	50	5	60.0	40.0	20.0	40.0	40.0	20.0	80.0	0	100.0	0	0	20.0	20.0	0	0	40.0
Refining & Foundry	51	7	85.7	14.3	42.9	57.1	0	14.3	85.7	0	100.0	0	0	14.3	14.3	0	0	28.6
Food & kindred	52	66	19.7	80.3	9.1	51.5	39.4	53.0	45.5	1.5	98.5	1.5	1.5	28.8	9.1	12.1	1.5	9.1
Paper & kindred	53	2	50.0	50.0	50.0	50.0	0	0	100.0	0	100.0	0	0	50.0	50.0	0	0	0
Petroleum & kindred	54	1	100.0	0	0	0	100.0	0	0	100.0	100.0	0	0	0	100.0	0	0	0
Chemicals, Plastics & kindred	55	27	63.0	37.0	18.5	63.0	18.5	25.9	74.1	0	100.0	0	0	29.6	22.2	11.1	7.4	14.8
Wood & Wood Products	56	4	100.0	0	50.0	50.0	0	0	100.0	0	100.0	0	0	25.0	50.0	0	0	50.0
Stone, Clay & kindred	57	9	55.6	44.4	11.1	88.9	0	0	100.0	0	100.0	0	0	22.2	11.1	11.1	0	22.2
Leather, Textiles & kindred	58	19	68.4	31.6	10.5	68.4	21.1	15.8	73.7	10.5	100.0	0	0	36.8	15.8	26.3	10.5	26.3
Processing, N.E.C.	59	5	100.0	0	20.0	80.0	0	0	60.0	40.0	80.0	20.0	0	20.0	20.0	0	0	20.0
MACHINE TRADES	6	606	71.1	28.9	21.9	62.2	15.9	24.3	68.3	7.4	96.7	3.3	1.5	39.4	23.9	16.3	6.4	18.3
Metal Machining	60	81	61.7	38.3	14.8	72.9	12.3	11.1	76.5	12.4	95.1	4.9	1.2	29.6	23.5	8.6	4.9	13.6
Metalworking, N.E.C.	61	97	60.8	39.2	15.5	71.1	13.4	20.6	69.1	10.3	93.8	6.2	1.0	39.2	19.6	12.4	8.2	17.5
Machine Repairmen	62-63	184	95.6	4.4	25.0	59.2	15.8	25.0	64.7	10.3	98.9	1.1	0	29.9	42.4	8.1	5.4	16.8
Paperworking	64	7	42.9	57.1	0	85.7	14.3	28.6	57.1	14.3	100.0	0	0	14.3	14.3	0	28.6	14.3
Printing	65	9	55.6	44.4	0	66.7	33.3	22.2	77.8	0	100.0	0	0	44.4	22.2	22.2	22.2	33.3
Wood Machining	66	80	83.7	16.3	27.5	55.0	17.5	38.7	58.8	2.5	100.0	0	0	58.7	16.2	22.5	5.0	32.5
Machining Stone, Glass & kindred	67	2	100.0	0	50.0	0	50.0	50.0	50.0	0	100.0	0	0	0	0	0	0	100.0
Textile	68	92	31.5	68.5	13.0	66.3	20.7	19.5	78.3	2.2	92.4	7.6	7.6	56.5	8.7	43.5	8.7	9.8
Machine Trades, N.E.C.	69	54	74.1	25.9	46.3	42.6	11.1	33.3	64.9	1.8	98.1	1.9	0	33.3	9.3	9.3	3.7	20.4

TABLE IX

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	123	28.4	71.6	24.0	62.1	13.9	27.0	70.1	2.9	94.8	5.2	3.7	46.0	6.0	25.3	7.5	13.4
Metal Products, N.E.C.	70	164	34.1	65.9	29.9	61.0	9.1	23.2	73.8	3.0	94.5	5.5	4.3	36.6	4.8	15.2	6.1	10.4
Scientific & Medical Good & kindred	71	57	14.0	86.0	24.6	52.6	22.8	40.3	56.1	3.6	89.5	10.5	8.8	80.7	3.5	63.2	5.3	14.0
Electrical Equipment	72	194	24.3	75.7	23.2	67.5	9.3	9.3	83.5	7.2	92.3	7.7	5.1	37.1	6.7	21.1	5.7	5.7
Products from Assorted Materials	73	8	50.0	50.0	25.0	75.0	0	0	100.0	0	100.0	0	0	75.0	37.5	37.5	25.0	12.5
Painting & kindred	74	57	82.5	17.5	21.0	54.4	24.6	36.8	61.4	1.8	96.5	3.5	1.8	42.1	26.3	12.3	17.5	29.8
Plastics, Rubber & kindred	75	20	60.0	40.0	20.0	75.0	5.0	20.0	80.0	0	100.0	0	0	30.0	10.0	10.0	5.0	5.0
Wood Products	76	95	50.5	49.5	12.6	68.5	18.9	41.0	56.9	2.1	95.8	4.2	3.2	43.1	5.3	16.8	5.3	28.4
Sand, Stone & kindred Products	77	6	83.3	16.7	33.3	66.7	0	16.7	83.3	0	100.0	0	0	50.0	0	0	0	16.7
Textile, Leather & kindred Products	78	242	10.3	89.7	19.8	65.7	14.5	30.6	68.2	1.2	97.5	2.5	2.5	57.9	2.1	37.2	9.5	11.6
Benchwork, N.E.C.	79	107	16.8	83.2	37.4	45.8	16.8	36.4	63.6	0	93.4	6.6	2.8	36.4	3.7	18.7	5.6	15.0
STRUCTURAL WORK	8	1,184	93.0	7.0	21.4	64.6	14.0	25.1	68.4	6.5	96.2	3.8	0.4	37.3	29.3	4.7	5.1	25.1
Metal Fabricating, N.E.C.	80	109	90.8	9.2	20.2	71.5	8.3	17.4	73.4	9.2	98.2	1.8	0	24.8	35.8	2.8	2.8	24.8
Welders & kindred	81	106	82.1	17.9	17.9	68.9	13.2	20.8	76.4	2.8	98.1	1.9	0.9	34.9	36.8	7.5	4.7	19.8
Electrical	82	99	94.9	5.1	10.1	74.7	15.2	8.1	83.8	8.1	96.0	4.0	0	15.2	55.6	1.0	10.1	11.1
Painting, Plastering & kindred	84	58	94.8	5.2	13.8	60.3	25.9	41.4	55.2	3.4	96.6	3.4	0	19.0	29.3	1.7	3.4	17.2
Excavating & kindred	85	47	97.9	2.1	4.3	78.7	17.0	29.8	61.7	8.5	93.6	6.4	0	27.7	23.4	2.1	4.3	44.7
Construction	86	714	94.3	5.7	25.1	62.2	12.7	27.5	66.0	6.5	96.1	3.9	0.2	44.0	23.7	4.9	4.2	27.6
Structural, N.E.C.	89	51	92.2	7.8	25.5	47.0	27.5	27.5	66.7	5.8	92.2	7.8	3.9	49.1	33.3	11.8	13.6	19.6
MISCELLANEOUS	9	766	77.4	22.6	20.6	63.6	15.8	34.7	61.0	4.0	96.9	3.1	1.0	33.6	21.7	12.8	8.0	20.8
Motor Freight, Transportation	90-91	291	95.2	4.8	10.7	73.9	15.4	27.1	67.7	5.2	98.6	1.4	0.3	26.8	36.8	6.9	6.9	24.4
Packaging & Material Handling	92	453	66.4	33.6	26.5	57.0	16.5	40.2	56.5	3.1	95.8	4.2	1.5	38.9	11.9	17.2	8.6	18.3
Other Misc.	93-97	22	68.2	31.8	31.8	63.6	4.6	22.7	63.6	9.1	95.4	4.6	0	13.6	22.7	0	9.1	22.7
Extraction of Minerals	93	4	100.0	0	50.0	50.0	0	0	75.0	25.0	100.0	0	0	0	0	0	0	50.0
Production & Distribution of Utilities	95	9	88.9	11.1	22.2	66.7	11.1	22.2	66.7	11.1	88.9	11.1	0	11.1	33.3	0	22.2	22.2
Amusement & kindred, N.E.C.	96	1	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	0	0	0	0
Graphic Art Work	97	8	37.5	62.5	37.5	62.5	0	37.5	62.5	0	100.0	0	0	25.0	25.0	0	0	12.5
PARTIALS & INVALID CODES	99	1,269	47.4	52.6	32.3	47.1	20.6	35.6	58.1	5.8	95.8	4.2	2.1	36.2	0.9	13.7	2.5	30.9

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of Need

The "Universe of Need" Method for analyzing employment and training applicants is made a part of the Annual Planning Information by request.

Projections for 1982 indicate that approximately 43,000 persons will need manpower assistance in obtaining employment. As defined by the Department of Labor, there will be 6,850 classified as poor (below poverty level) or disadvantaged, while approximately 36,000 will be classified as nonpoor (at or near poverty level).

By 1982, a projected 6,638 persons will be classified as unemployed or underutilized. Female heads of households (7,738) represent a significant portion--18 percent of total Universe of Need--while 3,192, (8 percent), of the female heads of households are classified as disadvantaged. Other groups which may require manpower assistance are welfare recipients and veterans.

Manpower services may need to be expanded to bring these 42,603 persons into the labor force.

TABLE X

UNIVERSE OF NEED FOR MANPOWER SERVICES

FIRST TENNESSEE

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	42.603
a. Poor	6.850
(1) Disadvantaged	6.638
(2) Other Poor	212
b. Nonpoor	35.753
(1) Near Poverty	10.802
(2) All other Nonpoor	24.951
2. Unemployed and Underutilized Disadvantaged, Total	6.638
a. Unemployed	1,170
b. Underutilized	5,468
(1) Employed part-time for economic reasons	848
(2) Employed full-time but with family income at or below poverty level	3.544
(3) Not in labor force but should be	1,076
3. Total Number of Different Individuals Unemployed in year	24,957
4. Vietnam Veterans-unemployed	450
5. Total veterans (needing manpower services)	8,187
6. School Dropouts during '79 school year	470
7. Welfare recipients (families)	2,464
8. Female Heads of Households	7,738
a. Disadvantaged - Female heads of Households	3,192

VI. CHARACTERISTICS OF THE ECONOMICALLY DISADVANTAGED

The economically disadvantaged can be found in all occupational categories. A number of these people are dependable workers and are unemployed, or under employed, for a variety of reasons over which they have no control.

One approach to solving the problem with the "hard to employ" group may be to include, along with other technical assistance, some workshop type training which shows how to apply for a job, how to fill out an application form, how to arrange and get the most from an interview, what to expect from an employer (steady work, fair wages, opportunity for advancement, hospitalization insurance, life insurance, retirement, vacation, sick leave, etc.), and what the employer expects from his employee (promptness, high productivity, high quality work, the ability to work with others).

If our manpower efforts can produce potential workers with these qualities, the result may be that "hard to employ" persons may obtain more meaningful and lasting employment.

TABLE XI

ECONOMICALLY DISADVANTAGED

County	1981 Population Projection	1970 Census Population	1970 Census Percent Disadvantaged	1981 Disadv. Projections	1981 Minority Disadv. Prof.	1981 Minority as % of Disadv.
Carter	48,520	43,259	22.1	10,723	*	*
Greene	53,335	47,630	23.6	12,587	327	2.6
Hancock	6,357	6,719	62.6	3,979	*	*
Hawkins	38,907	33,757	26.7	10,387	540	5.2
Johnson	14,180	11,569	32.8	4,651	*	*
Unicoi	17,139	15,254	23.8	4,079	*	*
Washington	92,787	73,924	20.8	19,300	1,834	9.5
First Tennessee	271,225	232,112	24.2	65,706	2,701	4.1

*This information is not available from the Census Bureau due to insufficient sample size (less than 400 Minority Population in the County).

Sources: 1970 Census

TABLE XII

FEMALE HEADS OF HOUSEHOLDS
AND
ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

County	Projected Population	Female Heads of Households	Percent of Population	Econ. Disadv. Female Heads of Households	Percent of Population	Econ. Disadv. F.H.H. as % of all F.H.H.
Carter	48,520	1,456	3.0	582	1.2	40.0
Greene	53,335	1,333	2.5	533	1.0	40.0
Hancock	6,357	261	4.1	184	2.9	70.5
Hawkins	38,907	973	2.5	428	1.1	44.0
Johnson	14,180	468	3.3	255	1.8	54.5
Unicoi	17,139	463	2.7	189	1.1	40.8
Washington	92,787	2,784	3.0	1,021	1.1	36.7
First Tennessee	271,225	7,738	2.8	3,192	1.1	41.3

VII. APPENDIX

A. References:

Population Estimates for the State of Tennessee Provided by Lawrence Berkeley Laboratory.

Tennessee Annual CPS Labor Summaries by County. Tennessee Department of Employment Security, Research and Statistics Section.

U.I. Claimants DOT by County - Group Listing. Tennessee Department of Employment Security.

Tennessee Annual Average Labor Force Estimates. Tennessee Department of Employment Security, Research and Statistics Section. 1979.

Employment Security Automatic Reporting System (ESARS). Tennessee Department of Employment Security.

Survey of High School Graduates. Tennessee Department of Employment Security.

Tennessee Employment Outlook Regional Estimates for Occupations 1970 - 1980. Tennessee Department of Employment Security, Research and Statistics Section.

F. W. Dodge Division of McGraw-Hill Information Systems Company.

Agencies:

Unemployment Insurance Divisions and Employment and Training Divisions of the Employment Security Offices in Johnson City and Greeneville.

Occupational Employment Statistics Program Division of Employment Security, Nashville.

B. First Tennessee Area Employment and Training Offices and Employability Development Centers

Johnson City (Washington County)
301 North Roan Street, P.O. Box 179 37601

Elizabethton (Carter County)
628 W. C. Street, P.O. Box G 37643

Mountain City (Johnson County)
Pioneer Village Shopping Center, P.O. Box 307 37683

Unicoi County, EDC, P.O. Box 609, Courthouse 37650

Greeneville (Greene County)
1108 Snapp Ferry Road, P.O. Box 248 37743

Kingsport (S. Sullivan County)
1140 E. Center St., P.O. Box 686 37662

Bristol (E. Sullivan County)
869 Volunteer Parkway, Parkway Plaza, P.O. Box 357 37620

Hawkins County, EDC, 110 Washington St., Rogersville 37857
Serves Hawkins and Hancock Counties

C. Unemployment Insurance Offices

Johnson City (Washington County)
301 N. Roan Street, P.O. Box 179 37601

Erwin (Unicoi County) Courthouse, N. Main Street 37650
open Thurs. 8:30-11:00

Elizabethton (Carter County)
628 W. C Street, P. O. Box G 37643

Mountain City (Johnson County)
Pioneer Village Shopping Center, P.O. Box 37683

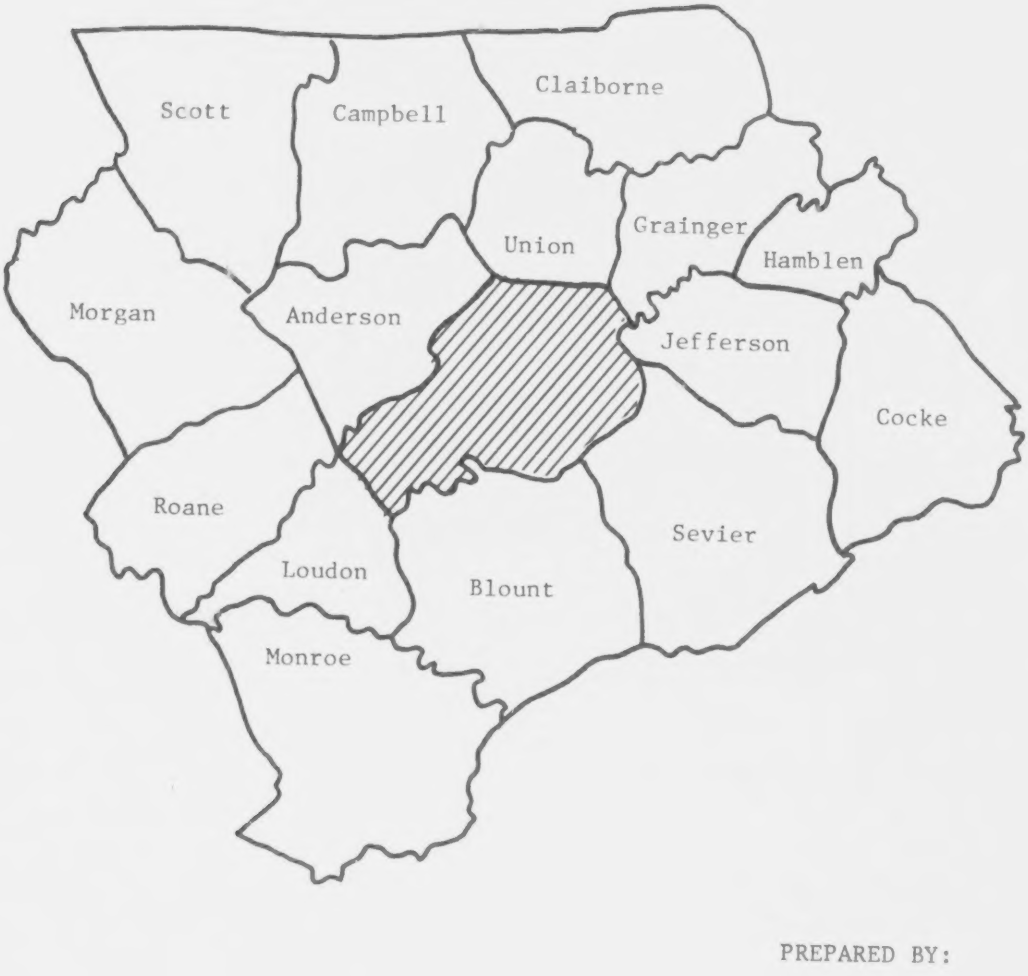
Greeneville (Greene County)
1108 Snapp Ferry Road, P.O. Box 248 37743

Kingsport (Western Sullivan County)
1140 E. Center Street, P.O. Box 685 37662

Rogersville (Hawkins County) 110 Washington Street
open Thurs. 9:00-2:00

Bristol (Eastern Sullivan County)
869 Volunteer Parkway, Parkway Plaza, P.O. Box 357 37620

EAST TENNESSEE DEVELOPMENT DISTRICT


Scott
Campbell
Claiborne
Union
Grainger
Hamblen
Morgan
Anderson
Jefferson
Cocke
Roane
Sevier
Loudon
Blount
Monroe

PREPARED BY:

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Manpower Specialist
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EAST TENNESSEE DEVELOPMENT DISTRICT

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I. HIGHLIGHTS AND CONCLUSIONS

Economists are cautiously optimistic in their outlook for 1982. The current recession will hopefully end in mid 1981 and the economy should experience a gradual upward trend, which should be noticeable by early 1982.

The East Tennessee Development District's population is projected to be 507,813 in 1982, an increase of 22.3 percent over 1970. The labor force in 1982 is expected to rise to 217,049. This represents a growth of 9,009, or 4.3 percent, over the 1980 figure. More importantly, total employment is forecasted to climb to 199,685 in 1982. In 1979 the employment was 188,939 and unemployment 16,835, but in 1980, the employment had declined to 187,420 and unemployment had risen to 20,620. The 1982 projected unemployment of 17,364 follows most economists' predictions of a recovering economy.

Those in need of manpower services will comprise over 16 percent of the total population in the District for FY 1982. Approximately 5 percent of the total female population in the District will be heads of households and almost half of these will be economically disadvantaged. About 3 percent of the District's population will have incomes below the poverty guidelines. Generally, in a recession, construction and manufacturing industries (especially durable goods) are the hardest hit. In the fifteen county East Tennessee Development District, manufacturing and construction make up almost 50 percent of the nonagricultural wage and salary employment; thus, the 9.9 percent unemployment rate in 1980 for the District is not too surprising. However, the 1982 picture looks brighter with several new plants and expansions planned for the area. A consistent energy source supplied by the TVA has and will present an attractive lure to new businesses. World's Fair '82 should attract national attention, not only to Knoxville, but the surrounding area as well. The increased importance of coal as an energy source will also help the District as it has the highest concentration of mineral operations anywhere in the state.

II. DESCRIPTION OF AREA

The East Tennessee Development District is centrally located in the eastern portion of the United States. The District includes sixteen counties. This report, however, covers only fifteen counties: Anderson, Blount, Campbell, Claiborne, Cocke, Grainger, Hamblen, Jefferson, Loudon, Monroe, Morgan, Roane, Scott, Sevier, and Union. Knox County, a prime sponsor, is covered in a separate report. The District includes nearly one-sixth of the land mass of Tennessee, and has a population projection of 501,093 in 1981, or approximately 10 percent of the total population in Tennessee. The District is bordered on the north by Kentucky on the southeast by North Carolina, on the northeast by the First Tennessee Development District, on the southwest by the Southeast Tennessee Development District, and on the west by the Cumberland Plateau.

The area contains 6,025 square miles, with terrain ranging from mountains to gently rolling, river bottomland. Elevations range from 600 to 6,642 feet. The District is drained in the north by the Powell, Holston, French Broad, Clinch, and Nolichucky Rivers, and in the east by the Little River, and the Little Tennessee River. The Tennessee River is formed above Knoxville at the confluence of the French Broad and Holston Rivers. All the aforementioned rivers drain into the Tennessee. The area contains six TVA lakes, roughly fifty percent of the Great Smoky Mountain National Park, and four other state or national forests.

Anderson County is located northwest of Knoxville and is bound on the north by Campbell County, on the west by Scott, Morgan, and Roane counties, and on the south by Loudon County.

Blount County is located in the southeast area of the East Tennessee Development District and is bound by the Greast Smoky Mountain National Park on the southeast, Sevier County on the northeast, Knox County to the north, and Loudon and Monroe Counties on the west and south respectively. The terrain is mountainous in the east and gently rolling in the western part of the county. Thirty-one percent of the land area in Blount County currently is in agricultural production, with the main products being soybeans and dairy products.

Campbell County is located in the extreme northern section of the District and is bounded on the north by Kentucky, on the east by Norris Lake, on the south by Anderson County, and on the west by Scott and Morgan Counties. Campbell County is mountainous with only twelve percent of the land suitable for agriculture. Nonagricultural wage and salary employment averaged 7,220 in 1980, with 28.3 percent in manufacturing and 71.7 percent in the nonmanufacturing sector. Apparel and mining account for approximately 25 percent of nonagricultural employment.

Claiborne County is located in the extreme northeastern corner of the District. It is drained by the Powell and the upper Holston Rivers. These river valleys are broad and flat containing very fertile flood plain soils. Forty-nine percent of the land area in Claiborne County is involved in agricultural production, with the main products being tobacco, grains (including soybeans), and forest products. Tobacco sales account for greater than one-third of the total value of sales for all agricultural products in Claiborne County. Nonagricultural wage and salary employment averaged a total of 4,600 in 1980, of which 37.0 percent was in the manufacturing sector and 63.0 percent in nonmanufacturing.

Cocke County is located in the eastern section of the District and is bound by North Carolina on the east, Sevier County on the south, and Douglas Lake on the west. The terrain is generally mountainous. However, thirty-seven percent of the land area is in agricultural production, with the main crops being, in order of prominence, tobacco, soybeans, and vegetables. Nonagricultural wage and salary employment averaged 5,130 in 1980 with 51.9 percent in the manufacturing sector and 48.1 percent in nonmanufacturing. The lumber and furniture industry accounts for approximately 17 percent of manufacturing employment and is the largest employer in the manufacturing sector.

Grainger County is located in the north central section of the District and is generally bound by Norris Lake on the west and Cherokee Lake on the east. Grainer County is hilly to gently rolling with sixth percent of the land area in agricultural production. The main agricultural products are tobacco, vegetables, and forage crops. Nonagricultural wage and salary employment averaged 1,640 in 1980, with 50.6 percent in manufacturing and 49.4 percent in nonmanufacturing.

Hamblen County is located immediately to the east of Grainger County, and is bound on the east by Greene County, the north by Hawkins County, and the south by Jefferson County. The land area is primarily utilized for agricultural purposes, with sixty-eight percent in agricultural production. The principle agricultural products are tobacco, grains, and forage crops. Nonagricultural wage and salary employment averaged 19,100 in 1980, with 59.3 percent in manufacturing and 40.7 percent in nonmanufacturing. Hamblen County is a center for furniture manufacturing with approximately 20 percent of total employment working within that industry.

Jefferson County is located in the central portion of the District and is bound on the east and south by Douglas Lake, on the north by Hamblen County, and on the west by Knox County. Sixty-nine percent of the land in Jefferson County is in agricultural production, with tobacco, grains, forage crops, and forest products being the leading agricultural products. Interstate 40 and Interstate 81 intersect on the western perimeter of Douglas Lake in Jefferson County. Recreational development is facilitated by the intersection of these major arteries in the proximity of this lake. I-40 also allows ready access to the Knoxville metropolitan area. Nonagricultural wage and salary employment averaged 5,980 in 1980, with 44.0 percent in manufacturing and 56.0 percent in nonmanufacturing. The furniture industry accounts for approximately 26 percent of total nonagricultural employment in Jefferson County.

Loudon County is centrally located in the south of the District and is bound on the east by Blount County, the south by Monroe County, the west by Roane County, and the north by Knox County. Loudon County is primarily agricultural with sixty-one percent of its land area in agricultural production. Tobacco, grains, forage crops, and nursery and greenhouse products make up the bulk of agricultural products in the county. Several industrial firms are located in Loudon County, with a large portion of the county's employment occurring in the metal and machinery industries of the manufacturing sector. Nonagricultural wage and salary employment averaged 6,580 in 1980, with manufacturing comprising 54.3 percent of employment and nonmanufacturing comprising 45.7 percent.

Monroe County is located in the extreme southeastern corner of the District and is bound on the east by North Carolina, on the south by Polk County, on the west by McMinn County, and on the north by Loudon County. Cherokee

National Forest occupies roughly the eastern half of Monroe County, with most development occurring in the western half of the county. The balance of the county is rolling hills with the Little Tennessee River draining the northern section. Agricultural products include, soybeans, tobacco, and forage crops. Nonagricultural wage and salary employment averaged 5,590 in 1980, with manufacturing accounting for 47.4 percent of total employment and nonmanufacturing with 52.6 percent. The apparel industry accounts for approximately 23 percent of total employment.

Morgan County is located in the northwestern area of the District. The terrain is generally mountainous with only fifteen percent of the land area suitable for agriculture. The Big South Fork National River and Recreation Area is in the planning stages and will significantly impact Morgan County. Projections indicate approximately 2,000 permanent jobs will be created in the trades and services segments of the area labor force. Nonagricultural wage and salary employment averaged 2,480 in 1980 with 37.1 percent in manufacturing and 62.9 percent in nonmanufacturing. Approximately 25 percent of the county's total employment is represented in the apparel industry.

Roane County is located in the extreme southwestern corner of the District. It is bound on the west by the Cumberland Plateau, on the east by Loudon County, on the north by Anderson County, and on the south by Rhea and Meigs Counties. Watts Bar Lake divides the county roughly in half and offers recreational opportunities. Roane County is generally mountainous as it lies between the mountains of East Tennessee and the plateau of Middle Tennessee. Only twenty-nine percent of the land area is suitable for agriculture. Textiles comprise the bulk of the manufacturing products in Roane County.

In 1980, nonagricultural wage and salary employment averaged 9,780, with manufacturing accounting for 33.3 percent of employmement and nonmanufacturing accounting for 66.7 percent.

Scott County is situated in the extreme northwest corner of the District and is bound on the north by Kentucky, the west by Fentress County, the south by Morgan County, and the east by Campbell County. The terrain is generally mountainous with only thirteen percent of the land area suitable for agriculture. Coal is the principle product of Scott County with TVA using the majority of the coal mined. The Big South Fork National River and Recreation Area (see Morgan County) should also impact Scott County. Nonagricultural wage and salary employment averaged 3,850 in 1980, with 24.7 percent in manufacturing and 75.3 percent of employment in nonmanufacturing. Coal mining accounted for approximately 18 percent of total employment.

Sevier County is located in the extreme eastern section of the District. The eastern third of the county is occupied by the Great Smoky Mountain National Park. The balance of the county has gentle rolling to steep wooded hills. Thirty percent of the county is involved in agricultural production with the main products being tobacco, grains, and forage crops. The tourist industry is the mainstay of Sevier County, with Gatlinburg being the focal point of activity. A gasohol plant is currently under construction in Sevier County. This plant will serve as a demonstration and statewide training facility for gasohol plant operators. The operation of the plant should be labor intensive, and will involve the introduction of new agricultural crops to the area. Nonagricultural wage and salary employment averaged 10,460 in 1980, with 24.9 percent in manufacturing and 75.1 percent in nonmanufacturing. The trades and services industries accounted for 23.9 percent and 20.2 percent of total nonagricultural employment respectively and new job openings are currently limited to those areas.

Union County is located immediately to the north of Knox County. It is bound on the west by Anderson and Campbell Counties, on the north by Claiborne County, and on the east by Grainger County. The terrain is generally mountainous in Union County, however, thirty-nine percent of the land area is in agricultural production with tobacco being the main product. Union County has only one major manufacturing firm and nonagricultural employment opportunities are limited.

III. DISTRICT DEMOGRAPHIC DATA

(Note: The demographic data for this sector is from the fourth count 1970 census data. Also, the 1982 population projections are derived using 1960-1970 migration rates.)

Total population of the District is projected to be 507,813 in 1982. This is an increase of 22.3 percent over the 1970 figure of 415,266. Whites represent 97.0 percent or 492,536 persons. Blacks are projected to make up 2.9 percent of the population, with "other" races accounting for the remaining 0.1 percent. Males will represent 48.8 percent and females 51.2 percent.

Black males should show a 32.2 percent growth rate in the 1970-1982 period, the largest sex/race cohort growth rate for the District*. Black females are the next largest growth group with a projected 26.5 percent increase for the same period. White males and white females follow with 22.8 percent and 21.4 percent, respectively.

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*The projections for the "all other" categories are so small that including them in a comparison of growth rates would not be meaningful.

GRAPH I

East Tennessee

1982 Population and Labor Force Projections by Race/Sex

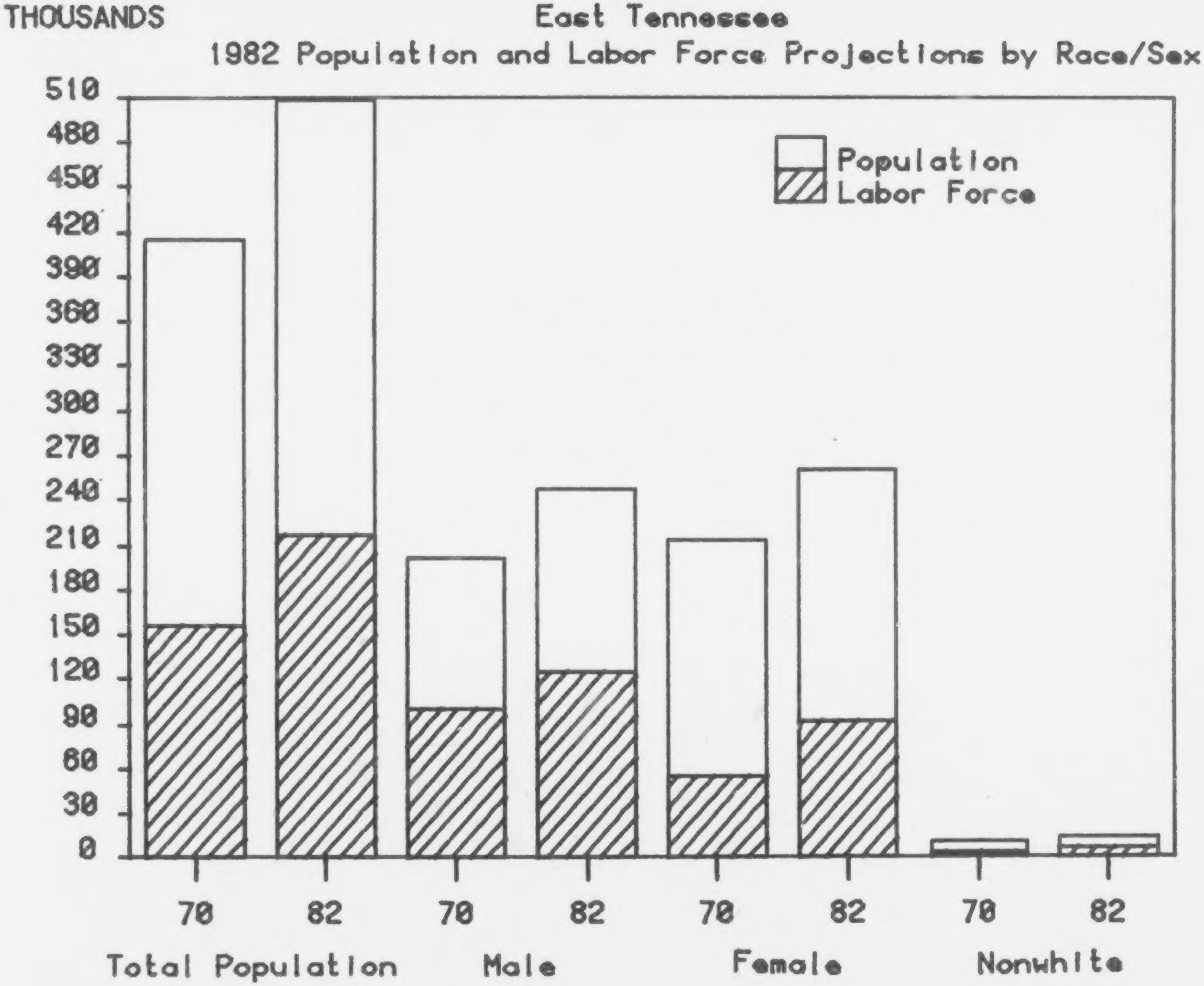

TABLE I

EAST TENNESSEE

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	37,061	35,458	1,590	12	18,864	18,196
5-9	37,533	36,075	1,433	25	19,002	18,531
10-14	42,839	41,564	1,247	28	21,600	21,239
15-19	46,595	45,095	1,488	11	23,294	23,300
20-24	40,775	38,970	1,777	28	20,839	19,936
25-29	39,721	38,258	1,444	18	21,498	18,222
30-34	39,851	38,930	898	23	20,276	19,575
35-39	36,376	35,540	777	59	18,333	18,043
40-44	30,575	29,865	680	30	14,479	16,096
45-49	27,078	26,584	485	9	12,539	14,539
50-54	25,850	25,235	590	24	11,961	13,888
55-59	25,476	24,932	526	19	11,624	13,853
60-64	22,945	22,289	646	10	10,446	12,499
65-69	20,143	19,623	509	10	8,882	11,260
70-74	14,857	14,432	423	4	6,635	8,224
75+	20,137	19,684	446	7	7,476	12,661
SPECIAL BREAKOUTS						
14-15	17,887	17,332	547	7	8,979	8,907
16-19	37,276	36,076	1,191	8	18,635	18,640
19 & Under	164,028	158,193	5,760	75	82,761	81,267
20-21	16,310	15,588	711	11	8,336	7,974
22-44	170,988	165,976	4,865	147	87,090	83,898
45-54	52,927	51,820	1,075	33	24,500	28,428
55 & Over	103,559	100,959	2,551	49	45,061	58,498
TOTAL	507,813	492,536	14,961	315	247,748	260,065

TABLE IA

EAST TENNESSEE

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	35,478	32,684	37,061	1,583	4.5
5-9	40,866	38,756	37,533	-3,333	-8.2
10-14	43,490	45,358	42,839	-651	-1.5
15-19	33,568	45,838	46,595	13,271	39.5
20-24	27,676	33,333	40,775	13,099	47.3
25-29	28,952	27,230	39,721	10,769	37.2
30-34	26,162	32,015	39,851	13,689	52.3
35-39	24,220	28,960	36,376	12,156	50.2
40-44	24,264	26,559	30,575	6,311	26.0
45-49	25,190	26,292	27,078	1,888	7.5
50-54	24,174	27,147	25,850	1,676	6.9
55-59	22,169	25,627	25,476	3,307	14.9
60-64	19,152	23,223	22,945	3,793	19.8
65-69	15,361	19,701	20,143	4,782	31.1
70-74	10,599	14,881	14,857	4,258	40.2
75+	13,945	17,692	20,137	6,192	30.7
TOTAL	415,266	465,296	507,813	92,547	22.3

Special Breakouts for 1982

14-15	17,887
16-19	37,276
19 and Under	164,028
20-21	16,310
22-44	170,988
45-54	52,927
55 and Over	103,559

TABLE IB

EAST TENNESSEE

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	17,510	16,053	18,047	537	3.1
5-9	20,262	19,134	18,243	-2,019	-11.1
10-14	21,605	22,562	20,903	-702	-3.2
15-19	16,073	22,601	22,490	6,417	39.9
20-24	11,825	15,482	19,892	8,067	68.2
25-29	13,913	11,530	20,807	6,894	49.6
30-34	12,350	15,610	19,786	7,436	60.2
35-39	11,251	13,728	17,909	6,658	59.2
40-44	11,256	12,435	14,142	2,886	25.6
45-49	11,641	12,179	12,310	669	5.7
50-54	11,286	12,448	11,698	412	3.7
55-59	10,337	11,726	11,372	1,035	10.0
60-64	9,037	10,542	10,191	1,154	12.8
65-69	6,960	9,058	8,730	1,770	25.4
70-74	4,632	6,435	6,412	1,780	38.4
75+	5,742	6,932	7,318	1,576	27.4
TOTAL	195,680	218,455	240,250	44,570	22.8

Special Breakouts for 1982

14-15	8,679
16-19	17,992
19 and Under	79,683
20-21	7,957
22-44	84,580
45-54	24,008
55 and Over	44,022

TABLE IC

EAST TENNESSEE

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	16,808	15,267	17,411	603	3.6
5-9	19,463	18,374	17,832	-1,631	-8.4
10-14	20,420	21,612	20,661	241	1.2
15-19	16,329	21,659	22,605	6,276	38.4
20-24	15,082	16,657	19,078	3,996	20.9
25-29	14,273	14,987	17,451	3,178	22.3
30-34	13,133	15,652	19,144	6,011	45.8
35-39	12,472	14,551	17,631	5,159	41.4
40-44	12,361	13,613	15,723	3,362	27.2
45-49	12,945	13,461	14,274	1,329	9.3
50-54	12,116	14,087	13,537	1,421	11.7
55-59	11,291	13,127	13,560	2,269	20.1
60-64	9,600	12,155	12,098	2,498	26.0
65-69	8,005	10,166	10,893	2,888	36.1
70-74	5,653	8,104	8,020	2,367	41.9
75+	7,801	10,248	12,366	4,565	36.9
TOTAL	207,752	233,720	252,286	44,534	21.4

Special Breakouts for 1982

14-15	8,653
16-19	18,084
19 and Under	78,510
20-21	7,631
22-44	81,396
45-54	27,812
55 and Over	56,937

TABLE ID

EAST TENNESSEE

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	597	676	811	214	35.8
5-9	590	643	746	156	26.4
10-14	735	631	681	-54	-7.3
15-19	528	797	793	265	50.2
20-24	394	530	922	528	179.6
25-29	357	355	677	320	89.6
30-34	294	344	477	183	62.2
35-39	223	286	403	180	80.7
40-44	272	224	315	43	15.8
45-49	272	267	225	-47	-17.3
50-54	300	270	259	-41	-13.7
55-59	216	285	242	26	12.0
60-64	286	196	245	-41	-14.3
65-69	162	253	148	-14	-8.6
70-74	141	126	219	78	55.3
75+	171	201	155	-16	-9.4
TOTAL	5,538	6,084	7,319	1,781	32.2

Special Breakouts for 1982

14-15	295
16-19	635
19 and Under	3,032
20-21	369
22-44	2,425
45-54	484
55 and Over	1,009

TABLE IE

EAST TENNESSEE

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	538	664	779	241	44.8
5-9	543	578	687	144	26.5
10-14	715	544	566	-149	-20.8
15-19	633	765	695	62	9.8
20-24	361	652	855	494	136.8
25-29	355	332	767	412	116.1
30-34	358	348	421	63	17.6
35-39	265	367	374	109	41.1
40-44	350	278	365	15	4.3
45-49	311	359	260	-51	-16.4
50-54	460	321	331	-129	-28.0
55-59	314	478	284	-30	-9.6
60-64	224	320	401	177	79.0
65-69	229	220	361	132	57.6
70-74	166	211	204	38	22.9
75+	221	299	291	70	31.7
TOTAL	6,043	6,736	7,642	1,599	26.5

Special Breakouts for 1982

14-15	252
16-19	556
19 and Under	2,728
20-21	342
22-44	2,440
45-54	591
55 and Over	1,542

TABLE IF

EAST TENNESSEE

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14	12	6	-8	-57.1
5-9	8	15	13	5	62.5
10-14	15	9	16	1	6.7
15-19	5	16	11	6	120.0
20-24	7	9	25	18	257.1
25-29	18	15	14	-4	-22.2
30-34	20	23	13	-7	-35.0
35-39	4	20	21	17	425.0
40-44	4	4	22	18	450.0
45-49	11	4	4	-7	-63.6
50-54	12	11	4	-8	-66.7
55-59	6	11	10	4	66.7
60-64	5	5	10	5	100.0
65-69	0	4	4	4	0.0
70-74	7	0	4	-3	-42.9
75+	6	9	3	-3	-50.0
TOTAL	142	167	179	37	26.1

Special Breakouts for 1982

14-15	5
16-19	8
19 and Under	46
20-21	10
22-44	85
45-54	8
55 and Over	30

TABLE IG

EAST TENNESSEE

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	11	12	6	-5	-45.5
5-9	0	12	12	12	0.0
10-14	0	0	12	12	0.0
15-19	0	0	0	0	0.0
20-24	7	3	3	-4	-57.1
25-29	36	11	4	-32	-88.9
30-34	7	38	10	3	42.9
35-39	5	8	38	33	660.0
40-44	21	5	8	-13	-61.9
45-49	10	22	5	-5	50.0
50-54	0	10	20	20	0.0
55-59	5	0	9	4	80.0
60-64	0	5	0	0	0.0
65-69	5	0	6	1	20.0
70-74	0	5	0	0	0.0
75+	4	3	4	0	0.0
TOTAL	111	134	136	25	22.5

Special Breakouts for 1982

14-15	2
16-19	0
19 and Under	29
20-21	1
22-44	62
45-54	25
55 and Over	19

IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor Force

The East Tennessee Development District labor force averaged 208,040 in 1980, and is projected to total 217,049 in 1982. The 1980 figure represents an increase of 32.9 percent over 1970's labor force of 156,570. Projections show an increase of over 60 percent participation by white and nonwhite females since 1970. Black males are projected to increase 39 percent for the same period.

B. Employment and Unemployment

Employment in the District averaged 187,420 in 1980, an increase of 39,866 over 1970, but a decrease of 1,519 from 1979's 188,939 employment figure, an 0.8 percent decrease. The 1982 projections call for an increase in employment of 12,265, or 6.5 percent, as the area recovers from the recession.

Unemployment persons numbered 20,620 for the District in 1980. This was an increase of 22.5 percent over 1979's 16,838 figure. The unemployment rate for the area climbed from 8.2 percent in 1979 to 9.9 percent in 1980. Projections for 1982 indicate a decline in the unemployment rate (8.0 percent) and in the number of persons unemployed (17,364).

TABLE II

EAST TENNESSEE

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	5,940	5,808	132	3,408	2,532
18-19	10,526	10,176	351	5,665	4,862
20-24	29,321	28,069	1,253	16,944	12,378
25-34	64,149	62,192	1,958	36,191	27,959
35-44	50,292	49,038	1,253	28,065	22,226
45-64	51,791	50,315	1,476	31,435	20,356
65+	5,030	4,796	234	3,255	1,775
SPECIAL BREAKOUTS					
16-19	16,466	15,985	481	9,073	7,393
20-21	11,729	11,227	501	6,777	4,951
22-44	132,034	128,072	3,962	74,422	57,612
45-54	25,895	25,157	738	15,717	10,178
55 & Over	30,926	29,953	973	18,972	11,954
TOTAL	217,049	210,395	6,655	124,961	92,088

TABLE IIA

EAST TENNESSEE

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	156,394	217,049	38.8	147,554	199,685	35.3	9,016	17,364	92.6	5.8	8.0
16-17	3,062	5,940	90.3								
18-19	6,300	10,526	67.1								
20-24	19,852	29,321	47.6								
25-34	37,666	64,149	70.1	Information not available for age breakouts							
35-44	33,295	50,292	51.0								
45-64	51,524	51,791	0.5								
65 and over	4,695	5,030	6.8								
Special Breakouts for 1982											
16-19		16,466									
20-21		11,729									
22-44		132,034									
45-54		25,895									
55 and over		30,926									

TABLE IIB

EAST TENNESSEE

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	98,439	121,618	23.5	93,719	114,021	21.7	4,720	7,597	61.0	4.8	6.2
16-17	2,094	3,340	59.5								
18-19	3,438	5,486	59.6								
20-24	11,266	16,296	44.6	Information not available for age breakouts							
25-34	24,299	35,269	45.1								
35-44	20,720	27,433	32.4								
45-64	33,497	30,671	-8.4								
65 and over	3,125	3,122	-0.1								
Special Breakouts for 1982											
16-19		8,827									
20-21		6,518									
22-44		72,480									
45-54		15,335									
55 and over		18,457									

TABLE IIC

EAST TENNESSEE

WHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	53,511	88,777	65.7	49,691	80,141	61.3	3,874	8,636	122.9	7.2	9.7
16-17	917	2,468	169.1								
18-19	2,574	4,690	82.2								
20-24	8,045	11,773	46.3	Information not available for age breakouts							
25-34	12,355	26,923	117.9								
35-44	11,751	21,605	75.4								
45-64	16,485	19,644	19.2								
65 and over	1,384	1,674	21.0								
Special Breakouts for 1982											
16-19		7,158									
20-21		4,709									
22-44		55,592									
45-54		9,822									
55 and over		11,496									

TABLE IID

EAST TENNESSEE

NONWHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	2,407	3,345	39.0	2,194	2,811	28.1	213	534	150.7	8.9	16.0
16-17	29	68	134.5								
18-19	144	179	24.3								
20-24	321	648	101.9	Information not available for age breakouts							
25-34	524	922	76.0								
35-44	419	632	50.8								
45-64	870	764	-12.2								
65 and over	100	133	33.0								
Special Breakouts for 1982											
16-19		246									
20-21		259									
22-44		1,942									
45-54		382									
55 and over		515									

TABLE IIE

EAST TENNESSEE

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	2,037	3,310	62.5	1,837	2,713	47.7	200	597	198.5	9.8	18.0
16-17	22	64	190.9								
18-19	144	172	19.4								
20-24	220	605	175.0	Information not available for age breakouts							
25-34	488	1,036	112.3								
35-44	405	621	53.3								
45-64	672	712	6.0								
65 and over	86	101	17.4								
Special Breakouts for 1982											
16-19		235									
20-21		242									
22-44		2,020									
45-54		356									
55 and over		458									

TABLE III

EAST TENNESSEE

1980 ANNUAL AVERAGE LABOR FORCE

County	Labor Force	Employment	Unemployment	Rate
Anderson	30,720	29,060	1,660	5.4
Blount	34,720	32,490	2,230	6.4
Campbell	10,140	8,620	1,520	15.0
Claiborne	8,500	7,650	850	10.0
Cocke	10,790	8,870	1,920	17.8
Grainger	7,400	6,650	750	10.1
Hamblen	18,520	16,450	2,070	11.2
Jefferson	11,680	10,380	1,300	11.1
Loudon	11,890	10,870	1,020	8.6
Monroe	10,550	9,120	1,430	13.6
Roane	16,570	14,680	1,890	11.4
Scott	5,940	5,070	870	14.6
Sevier	20,010	17,550	2,460	12.3
Union	5,400	4,990	410	7.6
East Tennessee	202,830	182,450	20,380	10.0

TABLE IV

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	7.1
2 Clerical and Sales	15.7
3 Services	10.7
4 Farming, Fisheries, Forestry	1.0
5 Processing	4.9
6 Machine Trades	11.7
7 Benchwork	18.0
8 Structural Work	16.0
9 Miscellaneous	13.6
Partials and Invalid Claims	1.4

SEX	PERCENT	EDUCATION	PERCENT
Males	52.8	0-8	20.1
Females	47.2	9-12	69.4
AGE		13-16	10.2
0-21	14.0	MISCELLANEOUS	
22 and over	86.0	Disadvantaged	25.6
RACE		Veteran	13.5
White	97.1	Handicapped	1.8
Black	2.7	Welfare	3.6
Other	0.2	Foodstamp	4.1

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
East Tennessee		3,153	52.8	47.2	14.0	69.5	16.5	20.1	69.4	10.2	97.1	2.7	0.2	25.6	13.5	1.8	3.6	4.1
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	224	53.1	46.9	6.7	75.9	17.4	4.9	44.6	46.4	96.9	3.1	0	12.9	20.1	2.2	4.5	1.3
Prof. & Tech.	00-16	124	48.4	51.6	4.0	80.6	15.3	2.4	34.7	56.5	96.0	4.0	0	8.9	22.6	2.4	7.3	0
Architecture & Engineering	00-01	25	72.0	28.0	8.0	84.0	8.0	4.0	44.0	48.0	100.0	0	0	12.0	40.0	0	8.0	4.0
Math & Phy. Science	02	6	83.3	16.7	16.7	83.3	0	0	16.7	66.7	83.3	16.7	0	16.7	16.7	0	0	0
Life Science	04	7	57.1	42.9	0	85.7	14.2	0	0	71.4	100.0	0	0	14.2	14.2	14.2	0	0
Social Sciences	05	0																
Medicine & Health	07	21	23.8	76.2	4.8	85.7	9.5	0	61.9	38.1	100.0	0	0	9.5	23.8	0	4.8	0
Education	09	21	14.3	85.7	4.8	81.0	14.3	4.8	23.8	66.7	95.2	4.8	0	14.3	4.8	9.5	0	0
Museum & Arch. Ser.	10	3	33.3	66.7	0	66.7	33.3	0	0	66.7	100.0	0	0	0	0	0	0	0
Law & Jurisprudence	11	2	50.0	50.0	0	100.0	0	0	0	100.0	100.0	0	0	0	50.0	0	0	0
Religion & Theology	12	0																
Writing	13	0																
Art	14	7	42.9	57.1	0	100.0	0	0	57.1	0	85.7	14.3	0	14.3	14.3	0	14.3	0
Entertainment & Recreation	15	7	71.4	28.6	0	100.0	0	0	28.6	57.1	85.7	14.3	0	0	14.3	0	0	0
Adminstrative Specializations	16	25	60.0	40.0	0	60.0	40.0	4.0	28.0	64.0	96.0	4.0	0	0	28.0	0	20.0	0
Managerial	18	84	65.5	34.5	8.3	72.6	19.0	7.1	59.5	32.1	97.6	2.4	0	14.3	16.7	2.4	1.2	1.2
Miscellaneous Professional, Tech.	19	16	25.0	75.0	18.7	56.3	25.0	12.5	43.7	43.7	100.0	0	0	37.5	18.7	0	0	6.2
CLERICAL & SALES	2	496	20.0	80.0	15.5	71.2	13.3	3.6	78.8	17.5	97.4	2.4	0.2	16.3	6.0	1.0	2.0	1.6
Clerical	20-24	414	14.7	85.3	15.7	70.3	14.0	4.1	78.5	17.4	97.6	2.2	0.2	15.9	5.1	1.0	2.4	1.4
Typing, Filing, & Related Work	20	144	9.0	91.0	11.1	75.0	13.9	0.7	72.2	27.1	97.2	2.1	0.7	6.9	2.8	0.7	2.8	0
Computing & Account Recording	21	179	7.3	92.7	21.2	65.4	13.4	4.5	82.7	12.8	98.3	1.7	0	17.9	1.7	1.1	2.2	1.7
Material & Prod. Recording	22	47	61.7	38.3	17.0	70.2	12.8	14.9	74.5	10.6	100.0	0	0	29.8	25.5	2.1	2.1	2.1
Infor. & Message Distribution	23	28	10.7	89.3	7.1	78.6	14.3	3.6	82.1	14.3	89.3	10.7	0	10.7	0	0	3.6	3.6
Misc. Clerical	24	16	18.7	81.3	6.2	68.8	25.0	0	93.8	6.2	100.0	0	0	43.7	12.5	0	0	6.2
Sales	25-29	82	46.3	53.7	14.6	75.6	9.8	1.2	80.5	18.3	96.3	3.7	0	18.3	11.0	1.2	0	2.4
Salespersons, Ser.	25	5	60.0	40.0	0	100.0	0	20.0	40.0	40.0	100.0	0	0	0	20.0	0	0	0
Salespersons, Commodities	26-28	45	51.1	48.9	13.3	75.6	11.1	0	80.0	20.0	97.8	2.2	0	20.0	8.9	2.2	0	2.2
Merchandising, except Sales	29	32	37.5	62.5	18.7	71.9	9.4	0	87.5	12.5	93.8	6.2	0	18.7	12.5	0	0	3.1

TABLE V (Cont.)
DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	338	30.2	69.8	18.9	51.5	29.6	28.4	66.0	5.6	93.5	6.2	0.3	17.5	6.8	4.7	6.2	3.3
Domestic	30	7	14.3	85.7	0	57.1	42.9	57.1	42.9	0	85.7	14.3	0	42.9	0	14.3	28.6	0
Other Service	31-38	331	30.5	69.5	19.3	51.4	29.3	27.8	66.5	5.7	93.7	6.0	0.3	76.9	6.9	4.5	5.7	3.3
Food Preparation & Service	31	144	18.1	81.9	23.6	51.4	25.0	23.6	72.2	4.2	95.8	3.5	0.7	38.9	2.1	6.3	2.8	1.4
Lodging & kindred	32	34	2.9	97.1	11.8	55.9	32.4	55.9	44.1	0	100.0	0	0	35.3	0	5.9	5.9	2.9
Barbering & kindred	33	4	50.0	50.0	0	75.0	25.0	0	75.0	25.0	75.0	25.0	0	0	50.0	0	0	0
Amusement & kindred	34	2	100.0	0	50.0	50.0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Misc. Pers. Ser.	35	43	4.7	95.3	18.6	58.1	23.3	7.0	79.1	14.0	93.0	7.0	0	30.2	4.7	2.3	7.0	4.7
Apparel & Furnish.	36	30	16.7	83.3	6.7	36.7	56.7	40.0	60.0	0	86.7	13.3	0	20.0	3.3	3.3	6.7	6.7
Protective Service	37	34	91.2	8.8	11.8	61.8	26.5	23.5	67.6	8.8	94.1	5.9	0	44.1	26.5	2.9	11.8	5.9
Building & kindred	38	40	80.0	20.0	27.5	40.0	32.5	40.0	55.0	5.0	87.5	12.5	0	35.0	15.0	2.5	10.0	5.0
FARMING, FISHERY, FORESTRY	4	30	93.3	6.7	30.0	56.7	13.3	50.0	43.3	6.7	96.7	3.3	0	56.7	10.0	3.3	10.0	0
Plant Farming	40	13	100.0	0	38.5	46.2	15.4	46.2	53.8	0	92.3	7.7	0	38.5	15.4	0	7.7	0
Animal Farming	41	2	50.0	50.0	50.0	50.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Misc. Farming	42	3	100.0	0	33.3	33.3	33.3	100.0	0	0	100.0	0	0	66.7	0	33.3	0	0
Fishery & kindred	44	0																
Forestry	45	12	91.7	8.3	16.7	75.0	8.3	50.0	50.0	0	100.0	0	0	83.3	8.3	0	16.7	0
Agricultural Service	46	0																
PROCESSING	5	153	43.8	56.2	9.2	72.5	18.3	28.1	65.4	5.9	97.4	2.6	0	22.9	11.1	1.3	2.6	2.6
Metal	50	6	66.7	33.3	0	83.3	16.7	0	100.0	0	100.0	0	0	16.7	33.3	0	0	0
Refining & Foundry	51	10	80.0	20.0	0	100.0	0	20.0	70.0	10.0	90.0	10.0	0	20.0	10.0	0	0	0
Food & kindred	52	44	36.4	63.6	11.4	56.8	31.8	47.7	50.0	2.3	97.7	2.3	0	29.5	6.8	0	2.3	2.3
Paper & kindred	53	0																
Petroleum & kindred	54	4	75.0	25.0	0	75.0	25.0	25.0	50.0	25.0	100.0	0	0	25.0	25.0	0	0	0
Chemicals, Plastics & kindred	55	56	35.7	64.3	12.5	80.4	7.1	7.1	85.7	5.4	98.2	1.8	0	19.6	8.9	3.6	1.8	0
Wood & Wood Products	56	2	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	3	100.0	0	0	66.7	33.3	66.7	33.3	0	100.0	0	0	33.3	66.7	0	33.3	33.3
Leather, Textiles & kindred	58	20	45.0	55.0	10.0	60.0	30.0	50.0	40.0	10.0	95.0	5.0	0	30.0	15.0	0	5.0	10.0
Processing, N.E.C.	59	8	50.0	50.0	0	87.5	12.5	37.5	50.0	12.5	100.0	0	0	0	0	0	0	0
MACHINE TRADES	6	370	75.9	24.1	12.2	72.4	15.4	21.6	72.2	6.2	97.6	2.2	0.3	25.4	23.8	1.4	2.4	3.0
Metal Machining	60	82	87.8	12.2	12.2	74.4	13.4	15.9	76.8	7.1	97.6	2.4	0	15.9	37.8	0	0	4.9
Metalworking, N.E.C.	61	61	67.2	32.8	6.6	77.0	16.4	16.4	78.7	4.9	98.4	1.6	0	23.0	21.3	1.6	1.6	1.6
Machine Reapirmen	62-63	98	98.0	2.0	10.2	80.6	9.2	20.4	71.4	8.2	99.0	1.0	0	28.6	27.6	2.0	3.1	5.1
Paperworking	64	4	25.0	75.0	25.0	75.0	0	0	100.0	0	100.0	0	0	25.0	0	0	0	0
Printing	65	5	60.0	40.0	0	80.0	20.0	0	100.0	0	100.0	0	0	20.0	20.0	0	0	0
Wood Machining	66	56	80.4	19.6	21.4	55.4	23.2	41.1	51.8	7.1	96.4	1.8	1.8	35.7	23.2	0	7.1	1.8
Machine Stone, Glass & kindred	67	0																
Textile	68	22	31.8	68.2	22.7	59.1	18.2	18.2	81.8	0	95.5	4.5	0	27.3	4.5	0	4.5	0
Machine Trades, N.E.C.	69	42	38.1	61.9	7.1	71.4	21.4	23.8	71.4	4.8	95.2	4.8	0	26.2	4.8	4.8	0	0

TABLE V(Cont.)
DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

By Percent

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCHWORK (Fabrication, Assembly, & Repair)	7	567	18.5	81.5	7.9	72.8	19.2	20.3	77.2	2.5	97.0	2.8	0.2	23.8	4.1	2.1	2.8	2.3
Metal Products, N.E.C.	70	40	27.5	72.5	15.0	65.0	20.0	15.0	80.0	5.0	100.0	0	0	17.5	0	2.5	0	5.0
Scientific & Medical Good & kindred	71	1	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	100.0	0	0	0
Electrical Equipment	72	162	6.2	93.8	4.3	75.3	20.4	14.2	83.3	2.5	96.9	3.1	0	17.3	1.2	1.2	1.2	1.2
Products from Assorted Materials	73	6	33.3	66.7	0	66.7	33.3	16.7	83.3	0	66.7	16.7	16.7	0	16.7	0	0	0
Painting & kindred	74	25	60.0	40.0	16.0	80.0	4.0	20.0	76.0	4.0	96.0	4.0	0	20.0	16.0	0	8.0	0
Plastics, Rubber & kindred	75	23	56.5	43.5	13.0	78.3	8.7	8.7	82.6	8.7	95.7	4.3	0	4.3	13.0	0	0	0
Wood Products	76	41	51.2	48.8	7.3	73.2	19.5	36.6	63.4	0	92.7	7.3	0	36.6	4.9	4.9	7.3	4.9
Sand, Stone & kindred Products	77	2	100.0	0	0	50.0	50.0	50.0	50.0	0	100.0	0	0	0	0	0	0	0
Textile, Leather & kindred Products	78	259	10.4	89.6	6.9	72.2	20.8	23.2	75.3	1.5	98.1	1.9	0	29.3	3.9	2.3	3.5	2.3
Benchwork, N.E.C.	79	8	37.5	62.5	50.0	50.0	0	25.0	75.0	0	100.0	0	0	25.0	0	12.5	0	12.5
STRUCTURAL WORK	8	504	94.4	5.6	15.3	72.2	12.5	25.0	68.3	6.7	98.0	1.8	0.2	33.3	25.0	0.4	3.2	8.1
Metal Fabricating, N.E.C.	80	37	89.2	10.8	10.8	78.4	10.8	18.9	75.7	5.4	100.0	0	0	27.0	13.5	0	2.7	13.5
Welders & kindred	81	57	96.5	3.5	8.8	80.7	10.5	26.3	68.4	5.3	94.7	3.5	1.8	21.1	42.1	1.8	3.5	7.0
Electrical	82	35	91.4	8.6	14.3	71.4	14.3	8.6	77.1	14.3	94.3	5.7	0	37.1	42.9	0	2.9	8.6
Painting, Plastering & kindred	84	14	85.7	14.3	7.1	78.6	14.3	14.3	64.3	21.4	100.0	0	0	35.7	7.1	0	14.3	7.1
Excavating & kindred	85	74	100.0	0	9.5	77.0	13.5	35.1	59.5	5.4	98.6	1.4	0	31.1	17.6	0	1.4	10.8
Construction	86	261	93.5	6.5	18.4	69.3	12.3	26.1	67.8	6.1	98.5	1.5	0	37.2	22.6	0.4	2.7	7.3
Structural, N.E.C.	89	26	100.0	0	26.9	57.7	15.4	19.2	76.9	3.8	100.0	0	0	11.5	34.6	0	7.7	3.8
MISCELLANEOUS	9	428	86.0	14.0	20.6	67.8	11.7	27.6	66.8	5.6	98.1	1.6	0.2	27.6	15.7	0.2	5.1	6.8
Motor Freight, Transportation	90-91	144	95.1	4.9	13.2	74.3	12.5	28.5	65.3	6.3	98.6	1.4	0	28.5	22.2	0.7	4.9	6.3
Packaging & Material Handling	92	219	78.1	21.9	28.3	62.6	9.1	70.8	70.8	5.5	97.3	2.3	0.5	28.8	12.3	0	4.6	5.9
Other Misc.	93-97	65	92.3	7.7	10.8	70.8	18.5	38.5	56.9	4.6	100.0	0	0	21.5	12.3	0	7.7	9.2
Extraction of Minerals	93	50	98.0	2.0	10.0	72.0	18.0	46.0	54.0	0	100.0	0	0	24.0	12.0	0	10.0	12.0
Production & Distribution of Utilities	95	7	100.0	0	14.3	71.4	14.3	14.3	57.1	28.6	100.0	0	0	14.3	14.3	0	0	0
Amusement & kindred, N.E.C.	96	2	100.0	0	50.0	50.0	0	0	50.0	0	100.0	0	0	0	50.0	0	0	0
Graphic Art Work	97	6	33.3	66.7	0	66.7	33.3	16.7	66.7	16.7	100.0	0	0	16.7	0	0	0	16.7
PARTIALS & INVALID CODES	99	43	46.5	53.5	18.6	74.4	7.0	27.9	60.5	11.6	100.0	0	0	41.9	9.3	16.3	9.3	18.6

*W - White, B - Black, O - Other

C. Industry

(Note: The figures for employment by industry do not include Knox County as they have in the past. Therefore, 1979 and 1980 figures are vastly different and any comparison would be futile. However, access to additional materials have made it possible to include employment in specific industries that was previously grouped in the "all other" categories.)

Nonagricultural wage and salary employment averaged 132,970 in 1980, with 46.7 percent of this employment occurring in manufacturing and 53.3 percent occurring in nonmanufacturing.

Manufacturing employment averaged 62,100 in 1980, with 40.2 percent in durable goods and 59.8 percent in nondurable goods. The largest employers in the durable goods sector are the primary metals, furniture, and lumber industries. Apparel and the textile industries are the largest employers in the nondurable goods sector, comprising approximately 25 percent of the nondurable goods employment.

Nonmanufacturing employment averaged 70,870 in 1980. The largest single employer in nonmanufacturing is government: federal, state, and local. Government employment averaged 25,270 for the District, 19 percent of the total nonagricultural wage and salary employment. TVA, school systems, and hospitals make up a large portion of this figure. Trade and services together employ 22.7 percent of the total employment and 42.5 percent of the nonmanufacturing employment.

The median average weekly wage of the fifteen county District was $181 a week in calendar year 1979. Anderson and Blount, ranked second and fourth in the District, had an average weekly wage of $298 and $264 respectively. On the other end of the scale were Monroe and Union Counties with averages of $150 and $149, respectively.

TABLE VI

EAST TENNESSEE

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1980
Total	132,970
Manufacturing	62,100
Durable Goods	24,940
Lumber	2,580
Furniture	5,430
Stone, Clay and Glass	660
Primary Metal Industries	6,320
Fabricated Metal Products	1,420
Machinery, Non-electrical	540
Electrical Machinery	900
Transportation	1,400
Professional Scientific and Controlling Instruments	640
All Other Durable	5,050
Nondurable Goods	37,160
Food and Kindred Products	920
Tobacco	0
Textile Mill Products	4,210
Apparel	5,270
Paper and Allied Products	0
Printing and Publishing	620
Chemicals and Allied Products	*
Petroleum and Refining	0
Rubber and Miscellaneous	1,300
Leather	0
All Other Nondurable	24,840
Nonmanufacturing	70,870
Contract Construction	3,920
Transportation and Public Utilities	2,040
Trade	16,450
Finance, Insurance and Real Estate	3,740
Services	13,700
Government	25,270
All Other Nonmanufacturing	5,250

*Included in "All Other" category.
The "All Other" category includes not otherwise classified industries, non-published industries, and in some cases, industries where one firm contains more than 80% of the industry employment. (Discloser laws forbid publishing those cases).

TABLE VII

AVERAGE WEEKLY WAGE
1979

Rank in State	*County	Average Weekly Wage
2	Anderson	$298.00
4	Blount	264.00
41	Campbell	181.00
39	Claiborne	184.00
42	Cocke	181.00
62	Grainger	164.00
29	Hamblen	195.00
31	Jefferson	192.00
35	Loudon	188.00
78	Monroe	150.00
67	Morgan	160.00
47	Roane	178.00
25	Scott	198.00
73	Sevier	155.00
82	Union	149.00
	East Tennessee Development District	

*There are 95 counties in Tennessee.

Source: Tennessee Covered Employment and Wages by Industry and County 1979.

D. Occupation

Employees in the professional, technical and kindred occupations are projected to increase 55.7 percent over 1970, during fiscal year 1982, averaging 400 job openings annually. Managers, officials, and proprietors are expected to realize even greater gains. Approximately 65.8 percent more positions should be available in 1982 compared to 1970. Annually this means an average of 334 job openings. Sales workers are projected to increase their numbers by 49.9 percent during the same period, an average of 190 job openings per year. Clerical workers will experience a similar growth rate. Translated into figures this means an estimated 399 job openings annually in the field.

Craftsmen, foremen, and kindred workers will experience a growth rate nearly that of white collar workers, 50.9 percent or 683 jobs annually. Operatives, more typical of blue collar workers in terms of occupational growth, are expected to increase 30.8 percent over the 1970 figure. There will be 707 job openings annually. Service workers, including such establishments as funeral homes, dry cleaners and hotels, should grow 43.1 percent during the period and create an average of 375 jobs each year. Farmers, unlike other occupations, are expected to lose workers due to increased mechanization, and a decreased margin of profit. This should amount to average annual loss of 172 jobs for a 39.0 percent net loss since 1970.

TABLE VIII

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY*

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1981	Avg. Annual Job Openings
Total All Occupations	92,457	128,795	39.3	6,825
Professional, Technical and Kindred	8,620	13,420	55.7	799
Managers, Officials and Proprietors	6,091	10,097	65.8	578
Sales Workers	4,568	6,848	49.9	417
Clerical Workers	9,025	13,809	53.0	964
Crafts and Kindred Workers	16,103	24,297	50.9	1,081
Operatives	27,554	36,039	30.8	1,678
Service Workers	10,435	14,932	43.1	1,019
Laborers, Except Farm	4,767	6,126	28.5	230
Farmers & Farm Workers	5,294	3,229	-39.0	-58

Source: Tennessee Employment Outlook, 1970-1980.
Tennessee Department of Employment Security

*Does not include Anderson and Blount counties.

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Analysis

The East Tennessee local employment offices serviced over 15,000 applicants in 1980 according to ESARS (Employment Security Automated Reporting System). Of those, 18.0 percent were in benchwork occupations. Structural work accounted for another 16.0 percent of the applicants. Clerical and sales occupation experience was listed by 15.7 percent of the applicants. The miscellaneous occupations category claimed 13.6 percent of the active applicants and machine trades followed with 11.7 percent. Last year, service occupations made up 18.9 percent of the applicants, while this year they only accounted for 10.7 percent; another indication of the growing recession. The percentage of professional, technical, and managerial occupations rose from 4.8 percent to 7.1 percent in 1980. Machine trades and farming, fisheries, and forestry occupations had the lowest percentage of active applicants with 4.9 and 1.0 percent, respectively.

Of the active applicants in East Tennessee local offices, 52.8 percent were male and 47.2 percent were female. Whites accounted for 97.1 percent of the applicants and 86.0 percent of all applicants were over 21 years of age. Only 10.2 percent of the applicants had more than 12 years of education.

TABLE IX
ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS		*PERCENT
0-1	Professional, Technical, Managerial	4.3
2	Clerical and Sales	14.4
3	Services	19.7
4	Farming, Fisheries, Forestry	2.4
5	Processing	3.0
6	Machine Trades	7.2
7	Benchwork	12.2
8	Structural Work	14.5
9	Miscellaneous	22.3
	Partials and Invalid Claims	11.0

SEX	PERCENT
Males	48.2
Females	51.8
AGE	
0-21	23.7
22 and over	76.4
RACE	
White	95.6
Nonwhite	4.4
Nonwhite Female	2.7

EDUCATION	PERCENT
0-8	26.5
9-12	64.9
13-16	8.6
MISCELLANEOUS	
Disadvantaged	50.7
Veteran	12.1
Handicapped	5.8
Welfare	18.3
Foodstamp	18.6

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980.

TABLE X
ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
EAST TENNESSEE		15,130	48.2	51.8	23.7	61.9	14.5	26.5	64.9	8.6	95.6	4.4	2.7	50.7	12.1	18.3	5.8	18.6
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	655	50.1	49.9	8.2	77.6	14.2	3.5	49.5	47.0	95.6	4.4	2.4	28.7	25.5	9.6	6.6	7.3
Prof. & Tech.	00-16	393	44.3	55.7	6.1	81.2	12.2	1.3	41.5	57.3	94.1	5.9	3.3	24.7	24.7	9.2	7.4	6.1
Architecture & Engineering	00-01	79	78.5	21.5	20.3	69.6	10.1	1.3	48.1	50.6	97.5	2.5	1.3	26.6	43.0	6.3	8.9	10.1
Math & phy. Science	02	21	52.4	47.6	9.5	85.7	4 8	.0	28.6	71.4	90.5	9.5	4.8	28.6	23.8	14.3	.0	4.8
Life Science	04	21	57.1	42.9	.0	90.5	9.5	.0	42.9	57.1	85.7	14.3	.0	14.3	19.0	4.8	4.8	9.5
Social Sciences	05	2	100.0	.0	.0	100.0	.0	.0	50.0	50.0	100.0	.0	.0	50.0	50.0	0.0	50.0	50.0
Medicine & Health	07	82	15.9	84.1	2.4	87.8	9.8	.0	43.9	56.1	93.9	6.1	6.1	29.3	15.9	12.2	6.1	3.7
Education	09	67	16.4	83.6	3.0	85.1	11.9	1.5	37.3	61.2	94.0	6.0	6.0	28.4	9.0	16.4	1.5	1.5
Museum & Archival Ser.	10	6	33.3	66.7	.0	83.3	16.7	.0	66.7	33.3	83.3	16.7	16.7	.0	.0	.0	.0	.0
Law & Jurisprudence	11	5	60.0	40.0	.0	80.0	20.0	.0	.0	100.0	100.0	.0	.0	20.0	40.0	20.0	.0	.0
Religion & Theology	12	3	100.0	.0	.0	33.3	66.7	.0	.0	100.0	100.0	.0	.0	33.3	100.0	33.0	33.3	.0
Writing	13	5	40.0	60.0	.0	80.0	20.0	.0	40.0	60.0	100.0	.0	.0	40.0	40.0	20.0	20.0	40.0
Art	14	18	33.3	66.7	5.6	83.3	11.1	5.6	55.6	38.9	88.9	11.1	.0	33.3	11.1	5.6	5.6	5.6
Entertainment & Recreation	15	15	53.3	46.7	6.7	93.3	.0	.0	40.0	60.0	86.7	13.3	.0	13.3	13.3	6.7	.0	.0
Administrative Specializations	16	69	56.5	43.5	2.9	76.8	20.3	2.9	37.7	59.4	97.1	2.9	1.4	15.9	33.3	1.4	15.9	7.2
Managerial	18	215	65.6	34.4	8.8	73.5	17.7	6.5	63.3	30.2	98.1	1.9	.9	32.6	28.8	8.8	5.6	9.3
Miscellaneous Professional, Tech.	19	47	27.7	72.3	19.1	66.0	14.9	8.5	53.2	38.3	95.7	4.3	2.1	44.7	17.0	17.0	4.3	8.5
CLERICAL & SALES	2	2,174	16.3	83.7	27.1	63.7	9.2	4.7	74.9	20.3	95.3	4.7	4.0	37.5	6.5	15.0	3.4	5.9
Clerical	20-24	1,794	11.4	88.6	27.0	63.9	9.0	4.2	75.3	20.5	95.2	4.8	4.5	37.5	5.4	15.6	3.5	5.1
Typing, Filing, & Related Work	20	612	5.7	94.3	26.6	65.4	8.0	2.0	72.1	26.0	92.2	7.8	7.4	32.8	2.6	13.1	2.6	3.4
Computing & Account Recording	21	852	6.3	93.7	29.8	61.9	8.3	4.9	78.4	16.7	96.9	3.1	2.9	39.7	2.9	18.8	3.6	4.7
Material & Production Recording	22	125	65.6	34.4	19.2	66.4	14.4	14.4	72.0	13.6	96.8	3.2	2.4	36.8	29.6	6.4	5.6	14.4
Infor. & Message Distribution	23	142	15.5	84.5	24.6	65.5	9.9	2.1	73.9	23.9	95.1	4.9	3.5	38.7	7.7	14.1	2.1	3.5
Misc. Clerical	24	63	17.5	82.5	14.3	69.8	15.9	1.6	73.0	25.4	96.8	3.2	3.2	52.4	12.7	19.0	7.9	11.1
Sales	25-29	380	39.7	60.3	27.6	62.6	9.7	7.1	73.4	19.5	96.1	3.9	2.1	37.6	11.8	12.4	3.4	9.7
Salesperson, Ser.	25	12	75.0	25.0	.0	91.7	8.3	16.7	33.3	50.0	91.7	8.3	.0	25.0	33.3	8.3	8.3	16.7
Salespersons, Commodities	26-28	141	43.3	56.7	23.4	63.8	12.8	3.5	71.6	24.8	94.3	5.7	4.3	37.6	14.9	11.3	2.8	7.1
Merchandising, except Sales	29	227	35.7	64.3	31.7	60.4	7.9	8.8	76.7	14.5	97.4	2.6	.9	38.3	8.8	13.2	3.5	11.0

TABLE X (Cont.)
ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	2,987	19.7	80.3	28.3	51.0	20.7	35.5	60.4	4.2	93.9	6.1	4.5	68.0	5.5	37.7	7.5	11.6
Domestic	30	467	4.9	95.1	13.5	46.5	40.0	49.3	50.1	.6	87.8	12.2	12.2	88.7	.2	66.4	13.3	12.6
Other Service	31-38	2,520	22.4	77.6	31.0	51.9	16.0	32.9	62.3	4.8	95.1	4.9	3.1	64.1	6.4	32.4	6.4	11.4
Food Preparation & Service	31	1,311	17.4	82.6	36.1	49.5	14.4	31.0	65.4	3.6	97.0	3.0	1.8	66.9	4.7	36.5	5.7	10.2
Lodging & kindred	32	308	3.6	96.4	22.1	59.4	18.5	54.9	44.8	.3	95.5	4.5	4.2	61.7	.0	36.4	4.9	6.5
Barbering & kindred	33	29	24.1	75.9	27.6	65.5	6.9	3.4	86.2	10.3	82.8	17.2	13.8	69.0	6.9	41.4	.0	10.3
Amusement & kindred	34	7	57.1	42.9	14.3	71.4	14.3	14.3	42.9	42.9	100.0	.0	.0	57.1	.0	28.6	.0	14.3
Mis. Personal Ser.	35	368	7.3	92.7	25.0	60.6	14.3	20.1	70.1	9.8	93.5	6.5	6.0	61.7	3.3	34.5	7.1	8.7
Apparel & Furnish.	36	103	17.5	82.5	18.4	42.7	38.8	47.6	51.5	1.0	92.2	7.8	6.8	56.3	1.9	27.2	9.7	14.6
Protective Service	37	129	81.4	18.6	13.2	62.0	24.8	23.3	60.5	16.3	95.3	4.7	1.6	49.6	47.3	12.4	14.0	18.6
Building & kindred	38	265	61.9	38.1	38.9	39.2	21.9	37.0	59.6	3.4	89.4	10.6	2.3	66.4	9.1	15.1	6.8	21.9
FARMING, FISHERY, FORESTRY	4	370	86.8	13.2	36.5	44.1	19.5	54.9	41.9	3.2	93.8	6.2	1.4	78.4	5.9	15.4	8.9	34.6
Plant Farming	40	125	82.4	17.6	48.8	34.4	16.8	41.6	52.0	6.4	88.8	11.2	3.2	74.4	8.0	23.2	10.4	24.8
Animal Farming	41	45	77.8	22.2	22.2	60.0	17.8	44.4	48.9	6.7	91.1	8.9	.0	60.0	8.9	13.3	6.7	37.8
Misc. Farming	42	123	90.2	9.8	27.6	45.5	26.8	76.4	23.6	.0	96.7	3.3	.8	87.8	3.3	12.2	8.1	43.9
Fishery & kindred	44	1	100.0	.0	100.0	.0	.0	.0	100.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0
Forestry	45	76	93.4	6.6	38.2	48.7	13.2	48.7	50.0	1.3	98.7	1.3	.0	80.3	5.3	9.2	9.2	34.2
Agricultural Service	46	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PROCESSING	5	449	50.6	49.4	13.4	67.9	18.7	33.2	62.6	4.2	96.2	3.8	2.4	49.7	13.1	12.9	6.0	16.5
Metal	50	13	76.9	23.1	.0	84.6	15.4	7.7	92.3	.0	.0	.0	.0	30.8	30.8	.0	7.7	23.1
Refining & Foundry	51	18	83.3	16.7	22.2	66.7	11.1	30.8	72.2	5.6	94.4	5.6	5.6	50.0	11.1	.0	.0	16.7
Food & kindred	52	196	45.9	54.1	13.3	60.7	26.0	49.0	48.5	2.6	95.4	4.6	3.1	63.3	6.6	15.8	6.1	17.3
Paper & kindred	53	2	.0	100.0	.0	100.0	.0	50.0	50.0	.0	50.0	50.0	50.0	100.0	.0	50.0	50.0	100.0
Petroleum & kindred	54	6	83.3	16.7	.0	83.3	16.7	16.7	50.0	33.3	100.0	.0	.0	33.0	16.7	.0	.0	33.3
Chemicals, Plastics & kindred	55	108	38.0	62.0	14.8	76.9	8.3	9.3	85.2	5.6	96.3	3.7	2.8	33.3	13.0	10.2	4.6	11.1
Wood & Wood Products	56	7	28.6	71.4	14.3	85.7	.0	28.6	71.4	.0	100.0	.0	.0	71.4	.0	28.6	.0	14.3
Stone, Clay & kindred	57	30	96.7	3.3	16.7	60.0	23.3	33.3	60.0	6.7	96.7	3.3	.0	32.0	53.3	3.3	10.0	23.3
Leather, Textiles & kindred	58	54	48.1	51.9	13.0	68.5	18.5	37.0	59.3	3.7	98.1	1.9	.0	51.9	11.1	18.5	9.3	14.8
Processing, N.E.C.	59	15	60.0	40.0	6.7	80.0	13.3	26.7	66.7	6.7	100.0	.0	.0	26.7	20.0	13.3	.0	13.3
MACHINE TRADES	6	1,084	72.0	28.0	16.8	71.1	12.1	23.6	70.8	5.6	96.8	3.2	1.6	46.2	23.4	12.0	5.7	18.6
Metal Machining	60	184	85.9	14.1	15.2	74.5	10.3	14.7	78.3	7.1	97.3	2.7	1.1	37.0	36.4	7.6	5.4	16.8
Metalworking, N.E.C.	61	153	56.2	43.8	11.1	77.1	11.8	20.3	75.2	4.6	94.8	5.2	3.3	43.1	16.3	16.3	3.3	13.1
Machine Repairmen	62-63	328	97.6	2.4	19.8	70.7	9.5	21.6	69.8	2.5	98.2	1.8	.0	42.1	34.8	5.8	4.6	24.4
Paperworking	64	13	38.5	61.5	23.1	76.9	.0	30.8	61.5	7.7	100.0	.0	.0	76.9	23.1	15.4	7.7	23.1
Printing	65	17	47.1	52.9	11.8	76.5	11.8	.0	82.4	17.6	100.0	.0	.0	29.4	23.5	11.8	17.6	23.5
Wood Machining	66	163	82.8	17.2	17.2	66.3	16.6	40.5	57.1	2.5	95.7	4.3	1.8	51.5	19.0	4.9	8.0	22.1
Machining Stone, Glass & kindred	67	4	75.0	25.0	25.0	50.0	25.0	75.0	25.0	.0	100.0	.0	.0	100.0	.0	25.0	.0	75.0
Textile	68	135	23.0	77.0	19.3	66.7	14.1	22.2	76.3	1.5	97.0	3.0	3.0	65.2	5.2	34.1	10.4	14.1
Machine Trades, N.E.C.	69	87	39.1	60.9	13.8	70.1	16.1	27.6	69.0	3.4	94.3	5.7	3.4	43.7	3.4	14.9	1.1	6.9

TABLE X (Cont.)
ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	1,848	18.7	81.3	16.1	70.9	13.0	27.5	69.8	2.7	95.6	4.4	3.8	56.0	4.0	26.1	5.7	8.8
Metal Products, N.E.C.	70	100	30.0	70.0	12.0	74.0	14.0	17.0	79.0	4.0	94.0	6.0	4.0	45.0	6.0	18.0	2.0	13.0
Scientific & Medical Good & kindred	71	44	13.6	86.4	15.9	63.6	20.5	63.6	31.8	4.5	93.2	6.8	6.8	93.2	2.3	77.3	11.4	4.5
Electrical Equipment	72	332	12.0	88.0	6.3	79.2	14.5	16.9	77.4	5.7	94.0	6.0	5.7	38.6	5.1	16.0	3.0	4.8
Products from Assorted Materials	73	21	42.9	57.1	19.0	57.1	23.8	42.9	57.1	.0	90.5	9.5	9.5	42.9	19.0	23.8	.0	14.3
Painting & kindred	74	70	61.4	38.6	20.0	71.4	8.6	28.6	67.1	4.3	97.1	2.9	.0	28.0	10.0	11.4	7.1	14.3
Plastics, Rubber & kindred	75	39	51.3	48.7	20.5	71.8	7.7	12.8	82.1	5.1	94.9	5.1	2.6	48.7	7.7	5.1	2.6	20.5
Wood Products	76	204	44.6	55.4	21.6	67.2	11.3	33.8	65.2	1.0	95.1	4.9	3.4	58.8	7.8	15.7	5.4	14.7
Sand, Stone & kindred Products	77	10	60.0	40.0	20.0	70.0	10.0	2.0	8.0	.0	100.0	.0	.0	50.0	10.0	10.0	10.0	10.0
Textile, Leather & kindred Products	78	908	8.4	91.6	13.7	73.5	12.9	26.8	71.4	1.9	96.4	3.6	3.5	60.9	2.1	29.8	6.5	8.4
Benchwork, N.E.C.	79	120	20.0	80.0	50.8	37.5	11.7	50.0	50.0	.0	97.5	2.5	2.5	80.8	.0	48.3	9.2	3.3
STRUCTURAL WORK	8	2,190	95.4	4.6	23.4	65.8	10.7	25.0	69.1	5.9	96.5	3.5	.7	48.5	26.6	4.7	4.8	31.1
Metal Fabricating, N.E.C.	80	144	89.6	10.4	18.1	73.6	8.3	21.5	75.0	3.5	95.1	4.9	1.4	44.4	24.3	6.9	3.5	34.0
Welders & kindred	81	204	91.2	8.8	14.7	75.0	10.3	22.1	71.1	6.9	95.6	4.4	2.0	41.2	35.3	5.9	6.9	24.5
Electrical	82	126	96.0	4.0	17.5	67.5	15.1	10.3	77.0	12.7	97.6	2.4	1.6	30.2	54.0	0.8	6.3	18.3
Painting, Plastering & kindred	84	92	95.7	4.3	17.4	68.5	14.1	25.0	68.5	6.5	94.6	5.4	1.1	51.1	33.7	2.2	8.7	39.1
Excavating & kindred	85	172	100.0	.0	8.1	78.5	13.4	32.0	65.1	2.9	98.8	1.2	.0	34.3	25.0	2.3	4.7	37.8
Construction	86	1,285	96.6	3.4	26.5	63.8	9.7	26.1	68.1	5.8	96.8	3.2	.1	52.4	22.7	4.0	4.2	32.8
Structural, N.E.C.	89	167	91.0	9.0	38.9	47.9	13.2	26.9	68.3	4.8	94.6	5.4	3.0	58.1	25.1	12.6	4.8	22.8
MISCELLANEOUS	9	3,373	66.9	33.1	26.9	57.9	15.2	34.6	61.0	4.4	96.2	3.8	1.4	45.2	10.8	12.7	6.2	30.9
Motor Freight, Transportation	90-91	662	95.2	4.8	28.2	76.3	10.6	31.1	64.8	4.1	97.9	2.1	.0	47.4	29.2	4.5	6.3	34.3
Packaging & Material Handling	92	863	72.5	26.3	32.2	58.2	9.6	31.2	65.1	3.7	94.6	5.4	1.0	56.4	13.3	14.6	6.4	21.4
Other Misc.	93-97	178	90.4	9.6	14.0	71.9	14.0	37.6	57.3	5.1	98.9	1.1	.6	42.7	16.3	2.8	6.7	36.5
Extraction of Minerals	93	137	97.1	2.9	12.4	74.5	13.1	45.3	53.3	1.5	99.3	.7	.0	41.6	13.1	.0	6.6	42.3
Production & Distribution of Utilities	95	20	90.0	10.0	20.0	70.0	10.0	10.0	80.0	10.0	100.0	.0	.0	40.0	30.0	5.0	10.0	20.0
Amusement & kindred, N.E.C.	96	5	60.0	40.0	60.0	40.0	.0	.0	80.0	20.0	80.0	20.0	20.0	40.0	20.0	20.0	.0	.0
Graphic Art Work	97	16	43.8	56.3	6.3	62.5	31.3	18.8	56.3	25.0	100.0	.0	.0	56.3	25.0	18.8	6.3	18.8
PARTIALS & INVALID CODES	99	1,670	49.8	50.2	31.0	48.8	20.1	37.5	57.7	4.9	96.1	3.9	2.3	38.7	1.6	16.0	6.0	33.8

* W - White   NW - Nonwhite   NWF - Nonwhite Female

TABLE XI

WELFARE RECIPIENTS*

County	Families	Persons	Children
Anderson	866	2,270	1,601
Blount	746	1,876	1,318
Campbell	544	1,454	1,061
Claiborne	389	1,021	708
Cocke	565	1,452	1,029
Grainger	156	378	272
Hamblen	606	1,484	1,071
Jefferson	375	846	592
Loudon	246	581	409
Monroe	335	887	635
Morgan	277	764	554
Roane	483	1,256	904
Scott	446	1,245	929
Sevier	314	760	544
Union	205	505	368
East Tennessee	6,553	16,779	11,995

*Figures reflect caseload counts for statistical purposes only and do not represent the basis for financial participation.

B. Universe of Need

Total universe of need for manpower services is expected to number 82,924 individuals in FY 1982. Of this total 18.0 percent or 14,981 individuals, are projected to be poor, with 97.2 percent of these poor also considered disadvantaged. Nonpoor in need of manpower services will comprise 67,943, or 81.9 percent of the total universe of need. Unemployed and underutilized individuals should number 14,564, with an estimated 61,860 individuals unemployed at some time during FY 1982. Projections indicate there will be 1,260 high school dropouts in the district during the year. It is estimated that of the 13,897 female heads of households in the district, 45.8 percent or 6,366 will be considered disadvantaged.

The overall total of 82,924 individuals in need of manpower services represents approximately 16 percent of the 1982 projected population for the district. Female heads of households are projected to comprise approximately 5 percent of the total female population in FY 1982. Approximately 3 percent of the district's total population is projected to fall within poverty guidelines in 1982, with roughly 3 percent making up the unemployed and underutilized disadvantaged.

TABLE XII

UNIVERSE OF NEED FOR MANPOWER SERVICES

EAST TENNESSEE

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	82,924
a. Poor	14,981
(1) Disadvantaged	14,564
(2) Other Poor	417
b. Nonpoor	67,943
(1) Near Poverty	16,874
(2) All other Nonpoor	51,069
2. Unemployed and Underutilized Disadvantaged, Total	14,564
a. Unemployed	3,093
b. Underutilized	11,471
(1) Employed part-time for economic reasons	1,670
(2) Employed full-time but with family income at or below poverty level	7,405
(3) Not in labor force but should be	2,396
3. Total Number of Different Individuals Unemployed in year	61,860
4. Vietnam Veterans-unemployed	1,120
5. Total veterans (needing manpower services)	13,852
6. School Dropouts during '79 school year	1,260
7. Welfare recipients (families)	6,553
8. Female Heads of Households	13,897
a. Disadvantaged - Female heads of Households	6,366

C. Barriers to Employment

Barriers to the employment of the unemployed or underutilized are several and varied in nature. Some of the more often cited reasons include:

1) Discrimination (Race and Sex)
2) Lack of skills and lack of education
3) Lack of transportation
4) Inadequate child care facilities
5) Lack of desire to work (which in many cases is caused by welfare payments and other forms of government assistance roughly equalling take home pay after child care and other incidental costs are subtracted from a minimum wage salary)

Planners should note the trend of women and unskilled young people entering the labor force in greater numbers every year. This trend will put additional strain on an already unstable economy. Provisions should be made to train these people in areas which will be in demand in the future, so that these people may realistically expect to enter the job market successfully.

VI. ECONOMICALLY DISADVANTAGED

Because of different definitions and methodologies used, there are discrepancies between various estimates of the number of economically disadvantaged.

The total number of disadvantaged in the East Tennessee Development District is projected to be over 130,000 in FY 1982, or 25.6 percent of the total population. Minority disadvantaged will constitute 5,000 of the total disadvantaged and 3.8 percent of the total. Economically disadvantaged female heads of households are projected to be about 6,400, or 45.8 percent of all female heads of households.

TABLE XIII

ECONOMICALLY DISADVANTAGED

County	1982 Population Projection	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1981 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Anderson	64,111	60,300	18.6	11,925	1,026	8.6
Blount	77,726	63,744	17.0	13,213	898	6.8
Campbell	32,033	26,045	41.1	13,166	*	*
Claiborne	27,224	19,420	43.6	11,870	*	*
Cocke	30,041	25,283	33.3	10,004	440	4.4
Grainger	17,068	13,948	32.5	5,547	*	*
Hamblen	48,626	38,696	19.1	9,288	1,012	10.9
Jefferson	29,244	24,940	22.3	6,521	326	5.0
Loudon	28,863	24,266	21.1	6,090	195	3.2
Monroe	27,095	23,475	27.9	7,560	401	5.3
Morgan	16,272	13,619	32.1	5,223	*	*
Roane	44,094	38,881	20.2	8,907	650	7.3
Scott	17,156	14,762	47.9	8,218	*	*
Sevier	37,763	28,241	22.8	8,610	*	*
Union	10,497	9,072	37.0	3,884	*	*
East Tennessee	507,813	424,692	25.6	130,026	4,948	3.8

*This information is not available from the Census Bureau due to insufficient sample size (less than 400 minority population in the county).

TABLE XIV
FEMALE HEADS OF HOUSEHOLDS AND ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

County	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Anderson	64,111	1,667	2.6	705	1.1	42.3
Blount	77,726	1,788	2.3	777	1.0	43.5
Campbell	32,033	1,217	3.8	641	2.0	52.7
Claiborne	27,224	681	2.5	436	1.6	64.0
Cocke	30,041	931	3.1	481	1.6	51.7
Grainger	17,068	427	2.5	239	1.4	56.0
Hamblen	48,626	1,313	2.7	486	1.0	37.0
Jefferson	29,244	702	2.4	263	0.9	37.5
Loudon	28,863	895	3.1	375	1.3	41.9
Monroe	27,095	732	2.7	352	1.3	48.1
Morgan	16,272	391	2.4	195	1.2	49.9
Roane	44,094	1,323	3.0	573	1.3	43.3
Scott	17,156	600	3.5	377	2.2	62.8
Sevier	37,763	1,020	2.7	340	0.9	33.3
Union	10,497	210	2.0	126	1.2	60.0
East Tennessee Development District	507,813	13,897	2.7	6,366	1.3	45.8

Source: 1970 Census

VII. APPENDIX

A. References

Summary Manpower Indicators for East Tennessee Development District. State of Tennessee, 1970 Census of Population, U. S. Department of Labor, Manpower Administration, Region IX, 450 Golden Gate Avenue, Box 36084, San Francisco, California 94102.

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Metropolitan Area Economic Report, Economic Forecasts to 1988 for Tennessee, Chattanooga, Knoxville, Memphis, and Nashville Metropolitan Areas, August 1980, Tennessee State Planning Office.

Veterans in Tennessee, 1978. Tennessee Department of Employment Security, Research and Statistics Section.

East Tennessee WIN, Knoxville E & T Local Office.

B. East Tennessee Area Employment and Training Offices

Oak Ridge (Anderson County)
128 Bus Terminal Road 37830

Maryville (Blound County)
220 Court Street 37801

Lafollette (Campbell County)
212 E. Central Avenue 37766

Newport (Cocke County)
Broadway Shopping Center 37821

Morristown (Hamblen County)
536 W. First N. St. 37814

Knoxville (Knox County)
530 Henley St. 37902
Westown 37919
Holston Center 37914

Loudon (Loudon County)
808 Cedar Street 37774

Harriman (Roane County)
526 Devonia St. 37748

Oneida (Scott County)
406 Alberta 37841

Gatlinburg (Sevier County)
Parkway 37738

C. Unemployment Insurance Offices

Rockwood: (Roane County)
235 W. Rockwood St., P. O. Box 357 37854
Serves Roane and Morgan Counties

Oneida: (Scott County)
Deweese Building, P. O. Box 391 37841
Serves Scott County

Gatlinburg: (Sevier County)
Ogle Building, 2nd Fl.
642 Parkway 37738
Serves Sevier County

Sevierville: (Sevier County)
Courthouse 37862
Serves Sevier County

Alcoa: (Blount County)
363 Sanderson St., P. O. Box 523 37701
Serves Blount County

Oak Ridge: (Anderson County)
997 Oak Ridge Turnpike, P. O. Box 3514 37830
Serves Anderson and Union Counties

LaFollette: (Campbell County)
212 E. Central Ave., P. O. Box 1407 37766
Serves Campbell and Claiborne Counties

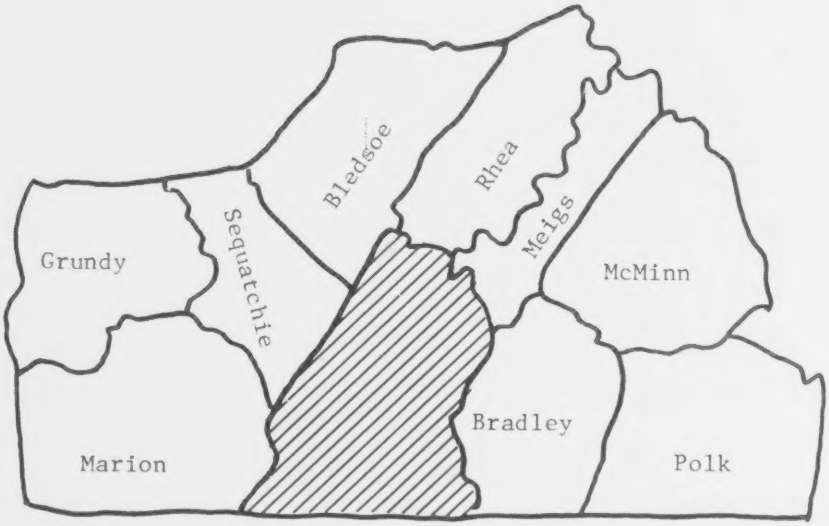
Athens: (McMinn County)
210 N. White, P. O. Box 949 37303
Serves Loudon and Monroe Counties

Morristown: (Hamblen County)
216 Lincoln Ave., P.O. Box 1216 37814
Serves Hamblen, Grainger and Jefferson Counties

Newport: (Cocke County)
119 W. Main St., P. O. Box 450 37821
Serves Cocke County

The following counties have offices open on a rotating schedule: Campbell (Jellico), Claiborne (Tazewell), Lenoir City (Loudon), Monroe (Madisonville), Monroe (Tellico Plains), Union (Maynardville). Please check with the office nearest you for the times and dates.

SOUTHEAST TENNESSEE DEVELOPMENT DISTRICT


Bledsoe
Rhea
Sequatchie
Meigs
Grundy
McMinn
Bradley
Marion
Polk

PREPARED BY:

Larry Green
Manpower Specialist
Chattanooga
(615) 267-0931

SOUTHEAST TENNESSEE DEVELOPMENT DISTRICT

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I. HIGHLIGHTS AND CONCLUSIONS

Although the current statewide economic slowdown shows few signs of ending, the Southeast Tennessee Development District can anticipate a gradual recovery that will continue well into 1982. Attraction of new industry and the expansion of existing industrial plants will be an important key in the recovery. Several national companies have expressed interest in building plants in the District (particularly the Bradley County area) and one large company has broken ground on a site that will eventually provide over 600 new jobs.

The District suffered along with the state in 1980, as the unemployment rate rose from 7.1 percent in 1979 to 9.1 percent in 1980. We expect this trend to reverse and the rate to drop to approximately 7.5 percent in 1982. The performance of the manufacturing sector figures heavily in the unemployment rate, since 49 percent of all workers in the District are employed in manufacturing industries.

The actual number employed should rise to 90,830 by 1982--a significant 15.3 percent increase over the 1980 figure. Unemployment should show a slight decline from the 1980 figure.

The total universe of need for manpower services is projected to be 31,605 individuals in 1982. Approximately 5,506 of these persons will be classified as poor, while 5,333 will be classified as economically disadvantaged.

II. DESCRIPTION OF AREA

The Southeast Tennessee Development District is generally bound on the north by the Upper Cumberland District, on the east by North Carolina, on the south by the State of Georgia and on the west by the South Central Development District. It is composed of the following nine counties: Bledsoe, Bradley, Grundy, Marion, McMinn, Meigs, Polk, Rhea, and Sequatchie.

The 3,245 square mile District is located north of the Tennessee-Georgia state line and to the east and west of Hamilton County. Land in the southeast portion of the District is suitable for agriculture or for residential or industrial development. Mountainous land in the western part of the area is limited to forestry, mining and recreational development.

The ridge and valley region contains Rhea, Meigs, McMinn and Bradley Counties; it is a consistent area of ridges, hills and valleys generally running in a northeasterly-southwesterly direction. Most of Polk County lies in the Cherokee National Forest.

The overall effect created by these georgraphic characteristics is a region of diverse natural assets and beauty. The escarpments of the Cumberland Plateau, the direction of ridges and valleys, and the flow of the Tennessee River have influenced the transportation pattern throughout the SETDD.

In all of the counties, agricultural activities use at least 93 percent of the land. The forest land is defined as commercial forest, which includes all land producing or capable of producing crops of industrial wood, not withdrawn from timber utilization. Forest use is the major agricultural land activity throughout the district counties.

The amount of urban land in the counties reflects the overall rural nature of the development district. Four counties (Bledsoe, Grundy, Meigs, and Polk) have two percent or less of their land area classified as developed. Population densities vary widely--from 18.9 persons per square mile in Bledsoe County to 151.8 persons per square mile in Bradley County.

III. AREA DEMOGRAPHIC DATA

The total population for the Southeast Tennessee Development District is projected to be 215,003 in 1982--an increase of 49,606, or 30.0 percent, since 1970. The most significant increase will occur in the 35-39 age group--a 76.7 percent net increase. Other age groups with large growth will include 35-39 (68.8 percent) and 70-74 (53.4 percent). An expected decrease of 1.2 percent in the 5-9 age group may be a result of the large number of females continuing to enter the labor force.

The male population in 1982 should reflect a growth of 31.1 percent since 1970. The female population is projected to have a smaller increase (28.9 percent), with most of its growth in the 30-39 and 70+ age groups. The population composition will show 49.2 percent male and 50.8 percent female, a slight 0.4 percent gain in the male population.

The non-white population is projected to be 9,334 persons--an increase of 2,844, or 43.8 percent, since 1970. A significant increase is projected in the nonwhite 0-9 age category, while the total 0-9 age population is expected to decrease.

GRAPH I

Southeast

1982 Population and Labor Force Projections by Race/Sex

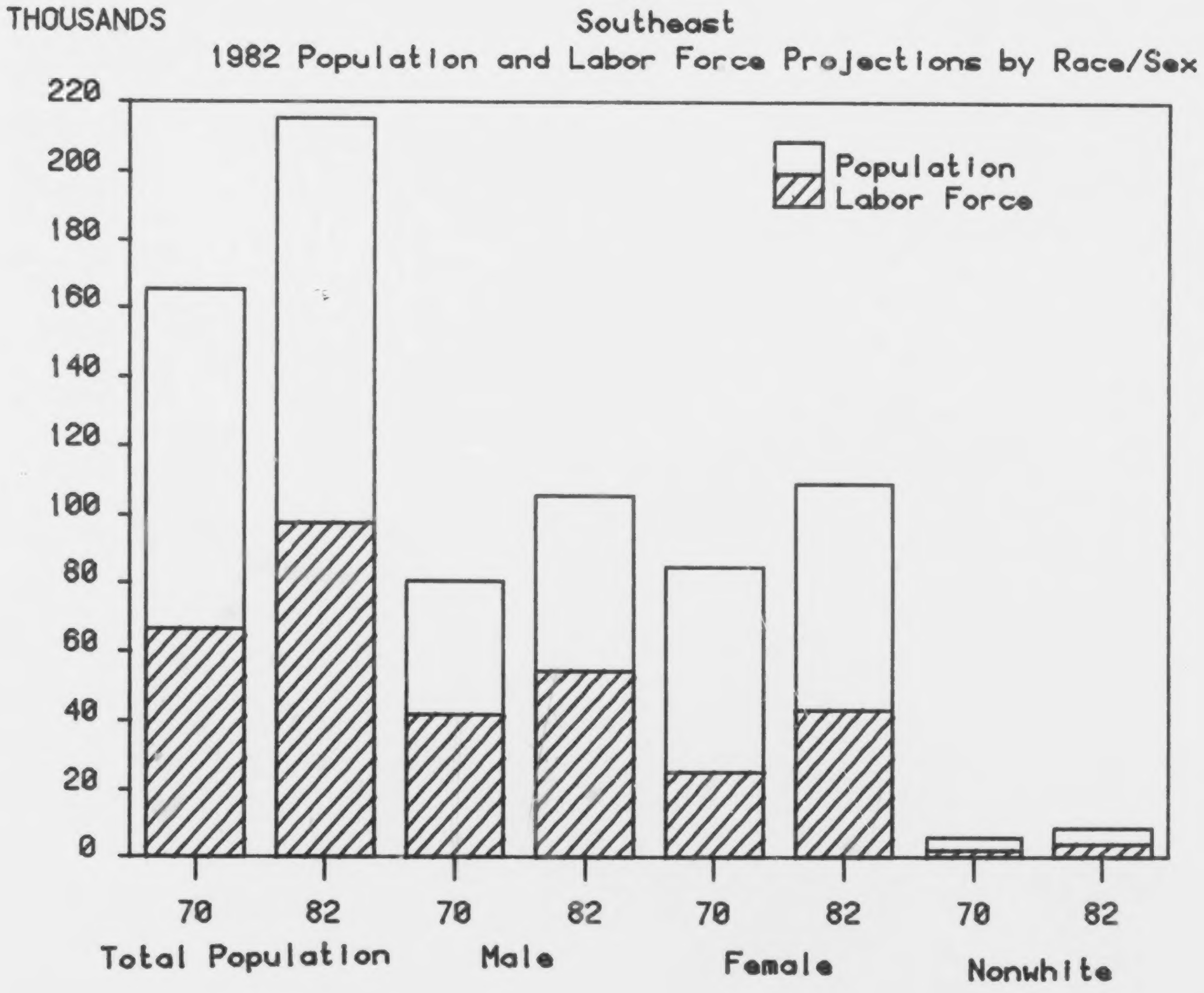

TABLE I

SOUTHEAST TENNESSEE

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITE	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	15,884	14,999	871	14	8,130	7,754
5-9	16,169	15,277	871	21	8,262	7,908
10-14	19,047	18,320	705	21	9,634	9,413
15-19	20,231	19,207	1,008	16	10,013	10,218
20-24	17,672	16,622	1,029	21	9,074	8,598
25-29	17,343	16,394	949	0	9,510	7,833
30-34	17,849	17,076	741	33	9,012	8,838
35-39	16,022	15,582	419	22	8,023	7,999
40-44	13,242	12,901	334	7	6,483	6,759
45-49	10,899	10,520	379	0	5,155	5,744
50-54	10,333	9,946	381	5	4,974	5,359
55-59	10,066	9,739	327	0	4,703	5,363
60-64	8,561	8,251	305	4	3,818	4,743
65-69	7,532	7,178	355	0	3,320	4,213
70-74	6,288	6,102	186	0	2,807	3,481
75+	7,865	7,557	308	0	2,896	4,969
SPECIAL BREAKOUTS						
14-15	7,865	7,505	343	7	3,929	3,926
16-19	16,184	15,365	806	13	8,010	8,174
19 & Under	71,331	67,803	3,455	73	36,039	35,292
20-21	7,069	6,649	412	8	3,630	3,439
22-44	75,060	71,925	3,061	74	38,472	36,589
45-54	21,232	20,466	761	5	10,129	11,103
55 & Over	40,311	38,826	1,481	4	17,543	22,768
TOTAL	215,003	205,669	9,169	165	105,812	109,191

TABLE IA

SOUTHEAST DEVELOPMENT DISTRICT

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14,636	13,349	15,884	1,248	8.5
5-9	16,358	16,439	16,169	-189	-1.2
10-14	17,053	18,379	19,047	1,994	11.7
15-19	15,758	18,814	20,231	4,473	28.4
20-24	12,908	14,292	17,672	4,764	36.9
25-29	11,907	11,876	17,343	5,436	45.7
30-34	10,577	13,378	17,849	7,272	68.8
35-39	9,068	11,875	16,022	6,954	76.7
40-44	8,999	10,235	13,242	4,243	47.1
45-49	9,218	9,889	10,899	1,681	18.2
50-54	8,332	10,066	10,333	2,001	24.0
55-59	7,864	8,940	10,066	2,202	28.0
60-64	7,354	8,336	8,561	1,207	16.4
65-69	5,605	7,713	7,532	1,927	34.4
70-74	4,100	5,410	6,288	2,188	53.4
75+	5,660	6,877	7,865	2,205	40.0
TOTAL	165,397	185,868	215,003	49,606	30.0

Special Breakouts for 1982

14-15	7,855
16-19	16,184
19 and Under	71,331
20-21	7,069
22-44	75,060
45-54	21,232
55 and Over	40,311

TABLE IB

SOUTHEAST DEVELOPMENT DISTRICT

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	7,165	6,459	7,685	520	7.3
5-9	7,840	8,038	7,817	-23	-.3
10-14	8,457	8,860	9,268	811	9.6
15-19	7,680	9,307	9,396	1,716	22.3
20-24	5,589	6,766	8,353	2,764	49.5
25-29	5,621	5,072	8,949	3,328	59.2
30-34	5,109	6,343	8,733	3,624	70.9
35-39	4,247	5,750	7,891	3,644	85.8
40-44	4,293	4,846	6,326	2,033	47.4
45-49	4,336	4,713	5,010	674	15.5
50-54	3,833	4,691	4,798	965	25.2
55-59	3,528	4,012	4,546	1,018	28.8
60-64	3,303	3,656	3,708	405	12.3
65-69	2,355	3,391	3,138	783	33.2
70-74	1,823	2,182	2,729	906	49.7
75+	2,350	2,748	2,779	429	18.3
TOTAL	77,529	86,834	101,126	23,597	30.4

Special Breakouts for 1982

14-15	3,733
16-19	7,517
19 and Under	34,166
20-21	3,341
22-44	36,911
45-54	9,808
55 and Over	16,900

TABLE IC

SOUTHEAST DEVELOPMENT DISTRICT

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	6,900	6,142	7,314	414	6.0
5-9	7,832	7,742	7,461	-371	-4.7
10-14	7,858	8,793	9,052	1,194	15.2
15-19	7,203	8,595	9,810	2,607	36.2
20-24	6,743	6,821	8,269	1,526	22.6
25-29	5,954	6,366	7,445	1,491	25.0
30-34	5,182	6,691	8,343	3,161	61.0
35-39	4,487	5,836	7,691	3,204	71.4
40-44	4,344	5,016	6,575	2,231	51.4
45-49	4,556	4,805	5,510	954	20.9
50-54	4,172	4,998	5,148	976	23.4
55-59	4,062	4,587	5,193	1,131	27.8
60-64	3,861	4,399	4,543	682	17.7
65-69	2,980	4,126	4,039	1,059	35.5
70-74	2,139	2,985	3,373	1,234	57.8
75+	3,105	3,892	4,778	1,673	53.9
TOTAL	81,378	91,794	104,544	23,166	28.5

Special Breakouts for 1982

14-15	3,772
16-19	7,848
19 and Under	33,637
20-21	3,307
22-44	35,014
45-54	10,658
55 and Over	21,926

TABLE ID

SOUTHEAST DEVELOPMENT DISTRICT

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	277	364	438	161	58.1
5-9	340	319	434	94	27.6
10-14	413	352	348	-65	15.7
15-19	536	571	601	65	12.1
20-24	245	399	714	469	191.4
25-29	103	170	561	458	444.7
30-34	129	102	275	146	113.2
35-39	132	129	124	-8	-6.1
40-44	170	154	150	-20	-11.8
45-49	163	171	145	-18	-11.0
50-54	120	168	176	56	46.7
55-59	151	123	157	6	4.0
60-64	77	147	106	29	37.7
65-69	111	73	181	70	63.1
70-74	65	98	78	13	20.0
75+	101	107	117	16	15.8
TOTAL	3,133	3,447	4,605	1,472	47.0

Special Breakouts for 1982

14-15	190
16-19	480
19 and Under	1,821
20-21	285
22-44	1,537
45-54	321
55 and Over	639

TABLE IE

SOUTHEAST DEVELOPMENT DISTRICT

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	277	366	433	156	56.3
5-9	337	321	436	99	29.4
10-14	325	365	357	32	9.8
15-19	339	341	407	68	20.1
20-24	292	284	316	24	8.2
25-29	212	250	388	176	83.0
30-34	151	224	467	316	209.3
35-39	202	154	295	93	46.0
40-44	187	219	184	-3	-1.6
45-49	163	195	234	71	43.6
50-54	202	209	206	4	2.0
55-59	123	213	170	47	38.2
60-64	113	134	199	86	76.1
65-69	159	123	173	14	8.8
70-74	73	145	108	35	47.9
75+	104	130	191	87	83.7
TOTAL	3,259	3,673	4,564	1,305	40.0

Special Breakouts for 1982

14-15	153
16-19	326
19 and Under	1,634
20-21	126
22-44	1,524
45-54	440
55 and Over	842

TABLE IF

SOUTHEAST DEVELOPMENT DISTRICT

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14	9	7	-7	-50.0
5-9	9	16	11	2	22.2
10-14	0	9	18	18	0.0
15-19	0	0	16	16	0.0
20-24	10	11	7	-3	-30.0
25-29	7	0	0	-7	-100.0
30-34	6	7	4	-2	-33.3
35-39	0	6	8	8	0.0
40-44	0	0	7	7	0.0
45-49	0	0	0	0	0.0
50-54	5	0	0	-5	-100.0
55-59	0	5	0	0	0.0
60-64	0	0	4	4	0.0
65-69	0	0	0	0	0.0
70-74	0	0	0	0	0.0
75+	0	0	0	0	0.0
TOTAL	51	63	82	31	60.8

Special Breakouts for 1982

14-15	7
16-19	13
19 and Under	51
20-21	3
22-44	24
45-54	0
55 and Over	4

TABLE IG

SOUTHEAST DEVELOPMENT DISTRICT

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	3	9	7	4	133.3
5-9	0	3	11	11	0.0
10-14	0	0	4	4	0.0
15-19	0	0	0	0	0.0
20-24	29	11	14	-15	-51.7
25-29	10	18	0	-10	-100.0
30-34	0	11	28	28	0.0
35-39	0	0	14	14	0.0
40-44	5	0	0	-5	-100.0
45-49	0	5	0	0	0.0
50-54	0	0	5	5	0.0
55-59	0	0	0	0	0.0
60-64	0	0	0	0	0.0
65-69	0	0	0	0	0.0
70-74	0	0	0	0	0.0
75+	0	0	0	0	0.0
TOTAL	47	57	83	36	76.6

Special Breakouts for 1982

14-15	1
16-19	0
19 and Under	22
20-21	6
22-44	51
45-54	5
55 and Over	0

IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor Force

The civilian labor force in the Southeast Development District should reach 98,180 by 1982. This represents a 46.8 percent increase since 1970. In contrast, the total population has increased only 30.0 percent since 1970.

The SETDD continues to follow the national trend of increased female participation in the labor force. We anticipate female workers to make up 43.8 percent of the 1982 labor force, as opposed to 37.2 percent in 1970. Continuing inflation has made it increasingly difficult for a family to live on one income--causing a dramatic increase in female workers aged 25-34 who have entered the labor force.

IV. ECONOMIC TRENDS AND OUTLOOK

B. Employment and Unemployment

Employment in the District is projected to reach 90,830 by 1982. This represents an increase of 26,470 (41.1 percent) since 1970. The greatest increase is in female employment, which has risen 64.3 percent since 1970.

Unemployment is also on the rise due to the increased participation of teenagers and females in the labor force. The unemployment rate in 1982 is projected to be 7.5 percent compared to 3.8 percent in 1970. This will be an increase of almost 193 percent in the number of people unemployed since 1970. Even though more jobs are available than ever before, the number of people entering the labor market has far surpassed available job openings, causing unemployment to rise drastically.

TABLE II

SOUTHEAST TENNESSEE

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	2,679	2,567	113	1,542	1,137
18-19	5,092	4,925	167	2,566	2,526
20-24	13,026	12,260	767	7,530	5,496
25-34	29,807	28,307	1,500	16,545	13,262
35-44	23,355	22,681	674	12,627	10,728
45-64	21,889	20,875	1,013	12,812	9,077
65+	2,151	1,937	213	1,374	777
SPECIAL BREAKOUTS					
16-19	7,772	7,492	280	4,109	3,663
20-21	5,210	4,904	307	3,012	2,198
22-44	60,978	58,344	2,635	33,690	27,288
45-54	10,944	10,438	507	6,406	4,538
55 & Over	13,095	12,375	720	7,780	5,315
TOTAL	98,000	93,552	4,448	54,997	43,003

TABLE IIA

SOUTHEAST DEVELOPMENT DISTRICT

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	66,870	98,180	46.8	64,360	90,830	41.1	2,510	7,350	192.8	3.8	7.5
16-17	1,337	2,680	100.4								
18-19	3,143	5,092	62.0								
20-24	8,900	13,027	46.4	Information not available for age breakouts.							
25-34	16,914	29,808	76.2								
35-44	13,874	23,355	68.3								
45-64	20,672	21,888	5.9								
65 and over	2,030	2,150	5.9								

Special Breakouts for 1982

16-19	7,772
20-21	5,211
22-44	60,978
45-54	10,944
55 and over	13,095

TABLE IIB

SOUTHEAST DEVELOPMENT DISTRICT

WHITE MALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	40,605	52,747	30.0	39,321	49,638	26.2	1,284	3,109	142.1	3.2	5.9
16-17	956	1,519	58.9								
18-19	1,629	2,452	50.5								
20-24	4,944	7,002	41.6	Information not available for age breakouts							
25-34	10,722	15,796	47.3								
35-44	8,413	12,397	47.4								
45-64	12,673	12,348	-2.6								
65 and over	1,268	1,233	-2.8								

Special Breakouts for 1982

16-19	3,971
20-21	2,801
22-44	32,395
45-54	6,174
55 and over	7,407

TABLE IIC

SOUTHEAST DEVELOPMENT DISTRICT

WHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	23,643	40,804	72.6	22,566	37,226	65.0	1,077	3,578	232.2	4.5	8.8
16-17	336	1,048	211.9								
18-19	1,432	2,473	72.7								
20-24	3,567	5,257	47.4	Information not available for age breakouts							
25-34	5,680	12,511	120.2								
35-44	4,885	10,283	110.5								
45-64	7,141	8,527	19.4								
65 and over	602	705	17.1								
Special Breakouts for 1982											
16-19		3,521									
20-21		2,103									
22-44		25,949									
45-54		4,264									
55 and over		4,968									

TABLE IID

SOUTHEAST DEVELOPMENT DISTRICT

NONWHITE MALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	1,340	2,251	68.0	1,278	1,975	54.5	62	276	345.2	4.6	12.3
16-17	18	24	33.3								
18-19	51	114	123.5								
20-24	203	528	160.1	Information not available for age breakouts							
25-34	249	750	201.2								
35-44	273	230	-15.8								
45-64	448	464	3.6								
65 and over	98	141	43.9								
Special Breakouts for 1982											
16-19		138									
20-21		211									
22-44		1,296									
45-54		230									
55 and over		375									

TABLE IIE

SOUTHEAST DEVELOPMENT DISTRICT

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	1,282	2,199	71.5	1,195	1,812	51.6	87	387	344.8	6.8	17.6
16-17	30	89	196.7								
18-19	24	53	120.8								
20-24	187	239	27.8	Information not available for age breakouts							
25-34	265	751	183.4								
35-44	305	445	45.9								
45-64	408	550	34.8								
65 and over	63	72	14.3								
Special Breakouts for 1982											
16-19		142									
20-21		95									
22-44		1,339									
45-54		275									
55 and over		347									

TABLE III

1980 CIVILIAN LABOR FORCE ESTIMATES

	Civilian Labor Force		Employment		Unemployment		Rate	
	1979	1980	1979	1980	1979	1980	1979	1980
Bledsoe	3,100	3,310	2,820	2,970	270	340	8.7	10.3
Bradley	27,530	27,400	25,990	25,120	1,540	2,280	5.6	8.3
Grundy	3,950	4,300	3,530	3,770	420	530	10.6	12.3
Marion	11,570	11,290	10,720	10,450	850	840	7.3	7.4
McMinn	16,580	16,970	15,410	15,370	1,170	1,600	7.0	9.4
Meigs	2,810	2,650	2,570	2,320	240	330	8.5	12.5
Polk	6,080	5,950	5,530	5,350	540	600	8.8	10.1
Rhea	10,820	11,050	9,960	10,010	860	1,040	7.9	9.4
Sequatchie	3,800	3,770	3,530	3,440	270	330	7.1	8.8
Southeast	86,240	86,690	80,060	78,800	61,160	7,890	7.1	9.1

C. Characteristics of the Unemployed

Characteristics of Unemployment Insurance claimants served by Employment and Training offices in the Southeast Development District can be useful indicators of the need for manpower services. Of all claimants, 55.6 percent were male and 44.4 percent were female.

The clerical and sales occupation registered the most claimants--17.3 percent. Benchwork was second with 17.0 percent. Both classifications have nearly 80 percent female participation. Males, however, outnumbered females in all other occupational classifications except services. Machine trades and structural work had the highest number of male claimants. These occupations, which are directly associated with manufacturing and construction, reflect how the slowing economy has caused these industries to reduce their work force.

The majority of claimants (68.6 percent) had 9-12 years of education, and 85.8 percent were over 22 years of age.

TABLE IV

SOUTHEAST TENNESSEE

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	5.5
2 Clerical and Sales	17.3
3 Services	10.2
4 Farming, Fisheries, Forestry	1.4
5 Processing	5.2
6 Machine Trades	11.5
7 Benchwork	17.0
8 Strucutral Work	15.6
9 Miscellaneous	15.0
Partials and Invalid Claims	1.3

SEX	PERCENT
Males	55.6
Females	44.4
AGE	
0-21	14.2
22 and over	85.8
RACE	
White	96.1
Black	3.5
Other	.4

EDUCATION	PERCENT
0-8	20.1
9-12	68.6
13-16	11.0
MISCELLANEOUS	
Disadvantaged	23.5
Veteran	11.3
Handicapped	4.0
Welfare	2.4
Foodstamp	6.8

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices rather only those individuals drawing Unemployment INsurnace.

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
Southeast Tennessee		1,411	55.6	44.4	14.2	67.7	18.1	20.1	68.6	11.0	96.1	3.5	.4	23.5	11.3	2.4	4.0	6.8
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	78	64.1	35.9	2.6	80.8	16.6	2.6	52.6	41.0	94.9	5.1	0	16.7	24.4	1.3	9.0	10.3
Prof. & Tech.	00-16	43	55.8	44.2	2.3	81.4	16.3	0	39.5	55.8	97.7	2.3	0	16.3	25.6	2.3	4.7	14.0
Architecture & Engineering	00-01	8	87.5	12.5	12.5	62.5	25.0	0	12.5	87.5	100.0	0	0	12.5	0	0	0	0
Math & Phy. Science	02	1	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	100.0	0	0	0
Life Science	04	2	100.0	0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	100.0	0	0	0
Social Sciences	05	0																
Medicine & Health	07	9	22.2	77.8	0	88.9	11.1	0	77.8	22.2	100.0	0	0	22.2	22.2	0	0	22.2
Education	09	6	33.3	66.7	0	100.0	0	0	0	66.7	83.3	16.7	0	16.7	0	16.7	0	16.7
Museum & Archival Ser.	10	1	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0
Law & Jurisprudence	11	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Religion & Theology	12	0																
Writing	13	0																
Art	14	4	75.0	25.0	0	75.0	25.0	0	50.0	50.0	100.0	0	0	0	25.0	0	25.0	0
Entertainment & Recreation	15	2	100.0	0	0	100.0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	50.0
Administrative Specializations	16	9	55.6	44.4	0	88.9	11.1	0	33.3	66 7	100.0	0	0	11.1	55.6	0	0	11.1
Managerial	18	28	78.6	21.4	3.6	78.6	17.8	7.1	75.0	14.3	96.4	3.6	0	17.8	21.4	0	10.7	7.1
Miscellaneous Professional, Tech.	19	7	57.1	42.9	0	85.7	14.3	0	42.9	57.1	71.4	28.6	0	14.3	28.6	0	28.6	0
CLERICAL & SALES	2	244	19.7	80.3	17.2	65.6	17.2	2.0	73.8	23.8	95.1	4.1	.8	17.6	6.6	2.9	2.0	2.0
Clerical	20-24	206	13.1	86.9	18.9	65.0	16.1	0	74.8	24.3	95.6	3.4	1.0	17.5	5.8	2.9	1.9	2.4
Typing, Filing, & Related Work	20	48	2.1	97.9	8.3	79.2	12.5	0	66.7	33.3	97.9	2.1	0	14.6	2.1	0	0	0
Computing & Account Recording	21	113	6.2	93.8	22.1	60.2	17.7	.1	77.0	21.2	95.6	2.6	1.8	14.2	2.6	4.4	1.8	1.8
Material & Production Recording	22	25	72.0	28.0	28.0	56.0	16.0	0	72.0	28.0	92.0	8.0	0	24.0	32.0	0	4.0	8.0
Infor. & Message Distribution	23	12	0	100.0	16.7	75.0	8.3	0	91.7	8.3	100.0	0	0	33.3	0	8.3	8.3	8.3
Misc. Clerical	24	8	12.5	87.5	12.5	62.5	25.0	0	75.0	25.0	87.5	12.5	0	37.5	0	0	0	0
Sales	25-29	38	55.3	44.7	7.9	68.4	23.7	10.5	68.4	21.1	92.1	7.9	0	18.4	10.5	2.6	2.6	0
Salesperson, Ser.	25	0																
Salespersons, Commodities	26-28	24	62.5	37.5	8.4	70.8	20.8	8.3	62.5	29.2	95.8	4.2	0	12.5	12.5	0	4.2	0
Merchandising, except Sales	29	14	42.9	57.1	7.1	64.3	28.6	14.3	78.6	7.1	85.7	14.3	0	28.6	7.1	7.1	0	0

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	144	31.9	68.1	16.0	57.6	26.4	22.9	70.1	6.9	93.8	5.6	.6	29.9	8.3	4.9	4.9	5.6
Domestic	30	0																
Other Service	31-38	144	31.9	68.1	16.0	57.6	26.4	22.9	70.1	6.9	93.8	5.6	.6	29.9	8.3	4.9	4.9	5.6
Food Preparation & Service	31	69	20.3	79.7	23.2	49.3	27.5	18.8	76.8	4.4	95.7	2.9	1.4	33.3	5.8	5.8	0	5.8
Lodging & kindred	32	6	0	100.0	0	66.7	33.3	16.7	83.3	0	100.0	0	0	33.3	0	0	0	16.7
Barbering & kindred	33	2	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Amusement & kindred	34	0																
Mis. Personal Ser.	35	7	28.6	71.4	14.3	71.4	14.3	0	85.7	14.3	100.0	0	0	28.6	14.3	28.6	14.3	0
Apparel & Furnish.	36	21	4.8	95.2	4.7	66.7	28.6	28.6	66.7	4.7	95.2	4.8	0	9.5	4.7	0	0	0
Protective Service	37	20	85.0	15.0	15.0	75.0	10.0	15.0	60.0	25.0	90.0	10.0	0	25.0	30.0	0	15.0	0
Building & kindred	38	19	63.2	36 8	10.5	47.4	42.1	52.6	47.4	0	84.2	15.8	0	47.4	0	5.3	15.8	15.8
FARMING, FISHERY, FORESTRY	4	20	85.0	15.0	20.0	60.0	15.0	25.0	65.0	10.0	100.0	0	0	35.0	0	0	5.0	10.0
Plant Farming	40	6	100.0	0	50.0	33.3	16.7	16.7	66.6	16.7	100.0	0	0	66.7	0	0	0	16.7
Animal Farming	41	3	100.0	0	33.3	33.3	33.3	33.3	66.7	0	100.0	0	0	33.3	0	0	0	0
Misc. Farming	42	2	100.0	0	0	50.0	50.0	100.0	0	0	100.0	0	0	100.0	0	0	0	50.0
Fishery & kindred	44	0																
Forestry	45	9	66.7	33.3	11.1	88.9	0	11.1	77.8	11.1	100.0	0	0	0	0	0	11.1	0
Agricultural Service	46	0																
PROCESSING	5	73	74.0	26.0	16.4	69.9	13.7	24.7	68.5	6.8	91.8	8.2	0	17.8	8.2	0	2.7	6.8
Metal	50	8	87.5	12.5	25.0	62.5	12.5	12.5	87.5	0	100.0	0	0	0	12.5	0	0	0
Refining & Foundry	51	17	88.2	11.8	23.5	64.7	11.8	23.5	70.6	5.9	94.1	5.9	0	29.4	11.8	0	0	11.8
Food & kindred	52	3	66.7	33.3	33.3	66.7	0	0	66.7	33.3	100.0	0	0	33.3	0	0	0	0
Paper & kindred	53	1	100.0	0	0	0	100.0	0	100.0	0	100.0	0	0	0	0	0	0	0
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	14	85.7	14.3	7.1	78.6	14.3	28.6	57.1	14.3	92.9	7.1	0	0	14.3	0	7.1	0
Wood & Wood Products	56	0																
Stone, Clay & kindred	57	9	77.8	22.2	11.1	88.9	0	44.4	55.6	0	77.8	22.2	0	33.3	0	0	11.1	22.2
Leather, Textiles & kindred	58	16	43.8	56.2	18.7	56.3	25.0	18.7	75.0	6.3	87.5	12.5	0	18.7	0	0	0	6.3
Processing, N.E.C.	59	5	60.0	40.0	0	100.0	0	40.0	60.0	0	100.0	0	0	20.0	20.0	0	0	0
MACHINE TRADES	6	162	71.0	29.0	8.0	78.4	13.6	31.5	61.7	6.8	96.9	2.5	.6	26.5	13.0	1.9	2.5	8.6
Metal Machining	60	18	94.4	5.6	16.7	72.2	11.1	22.2	66.7	11.1	100.0	0	0	16.7	16.7	0	0	16.7
Metalworking, N.E.C.	61	27	77.8	22.2	3.7	88.9	7.4	18.5	81.5	0	92.6	7.4	0	25.9	14.8	3.7	0	0
Machine Repairmen	62-63	44	97.7	2.3	9.1	79.5	11.4	36.4	50.0	13.6	97.7	2.3	0	20.5	27.3	0	4.5	20.5
Paperworking	64	2	50.0	50.0	0	100.0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Printing	65	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Wood Machining	66	14	92.9	7.1	0	71.4	28.6	92.9	7.1	0	100.0	0	0	71.4	0	0	7.1	14.3
Machining Stone, Glass & kindred	67	0																
Textile	68	51	31.4	68.6	9.8	72.5	17.7	21.6	74.5	3.9	96.0	2.0	2.0	27.5	3.9	3.9	2.0	0
Machine Trades, N.E.C.	69	4	50.0	50.0	0	100.0	0	50.0	50.0	0	100.0	0	0	0	0	0	0	0

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	0					
BENCH WORK (Fabrication, Assembly, & Repair)	7	240	21.2	78.8	11.7	68.3	20.0	20.8	72.1	7.1	95.8	3.8	.4	21.2	3.3	2.9	3.8	3.8
Metal Products, N.E.C.	70	29	58.6	41.4	24.1	62.1	13.8	24.1	69.0	6.9	86.2	10.3	3.5	13.8	6.9	3.4	0	6.9
Scientific & Medical Good & kindred	71	2	100.0	0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	50.0	0	0	0
Electrical Equipment	72	44	22.7	77.3	6.8	84.1	9.1	2.3	75.0	22.7	95.5	4.5	0	11.4	2.3	0	9.1	4.5
Products from Assorted Materials	73	3	33.3	66.7	66.7	33.3	0	0	66.7	33.3	100.0	0	0	33.3	0	0	0	0
Painting & kindred	74	3	66.7	33.3	33.3	33.3	33.3	0	100.0	0	100.0	0	0	33.3	0	0	0	0
Plastics, Rubber & kindred	75	0																
Wood Products	76	9	33.3	66.7	22.2	77.8	0	0	100.0	0	100.0	0	0	33.3	0	0	22.2	0
Sand, Stone & kindred Products	77	0																
Textile, Leather & kindred Products	78	150	10.7	89.3	8.7	66.0	25.3	28.0	70.0	2.0	97.3	2.7	0	24.7	2.7	4.0	2.0	3.3
Benchwork, N.E.C.	79	0																
STRUCTURAL Work	8	221	95.5	4.5	18.1	66.1	15.8	22.6	73.8	3.6	99.1	.9	0	25.3	18.1	1.4	4.5	9.0
Metal Fabricating, N.E.C.	80	21	81.0	19.0	4.8	85.7	9.5	33.3	66.7	0	100.0	0	0	4.8	14.3	0	0	14.3
Welders & kindred	81	32	96.9	3.1	15.6	78.1	6.3	15.6	78.1	6.3	100.0	0	0	21.9	28.1	0	3.1	9.4
Electrical	82	35	91.4	8.6	14.3	68.6	17.1	8.6	88.6	2.8	100.0	0	0	25.7	34.3	2.9	0	11.4
Painting, Plastering & kindred	84	5	100.0	0	0	100.0	0	60.0	40.0	0	100.0	0	0	20.0	0	0	0	0
Excavating & kindred	85	18	100.0	0	5.6	61.1	33.3	38.9	55.6	5.6	94.4	5.6	0	38.9	22.2	0	0	0
Construction	86	98	98.0	2.0	27.6	55.1	17.3	22.4	73.5	4.1	99.0	1.0	0	29.6	11.2	2.0	8.2	8.2
Structural, N.E.C.	89	12	100.0	0	8.3	75.0	16.7	25.0	75.0	0	100.0	0	0	16.7	8.3	0	8.3	16.7
MISCELLANEOUS	9	211	85.3	14.7	16.1	64.5	19.4	29.4	65.4	5.2	96.7	3.3	0	25.6	16.6	.9	5.2	10.4
Motor Freight, Transportation	90-91	79	98.7	1.3	8.9	73.4	17.7	35.4	58.2	6.4	97.5	2.5	0	21.5	22.8	0	6.3	11.4
Packaging & Material Handling	92	104	76.0	24.0	19.2	59.6	21.2	26.0	69.2	4.8	95.2	4.8	0	30.8	9.6	1.9	3.8	11.5
Other Misc.	93-97	28	82.1	17.9	25.0	57.1	17.9	25.0	71.4	3.6	100.0	0	0	17.9	25.0	0	7.1	3.6
Extraction of Minerals	93	15	93.3	6.7	6.7	60.0	33.3	40.0	60.0	0	100.0	0	0	20.0	33.3	0	0	6.7
Production & Distribution of Utilities	95	3	100.0	0	33.3	66.7	0	0	100.0	0	100.0	0	0	0	33.3	0	0	0
Amusement & kindred, N.E.C.	96	1	100.0	0	100.0	0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Graphic Art Work	97	9	55.6	44.4	44.4	55.6	0	11.1	77.8	11.1	100.0	0	0	11.1	11.1	0	22.2	0
PARTIALS & INVALID CODES	99	18	72.2	27.8	11.1	72.2	16.7	44.4	50.0	5.6	100.0	0	0	50.0	11.1	22.2	0	16.7

* W - White B - Black O - Other

D. Industry

Manufacturing industries experienced an employment decline during 1979-80. A decrease of 950 workers (3.4 percent) as opposed to a 3.3 percent increase in 1978-79, indicates that the District has felt the national economic slowdown. As expected, manufacturers of durable goods felt the strongest impact with a decline of 5.4 percent from 1979. Nondurable manufacturers declined 1.6 percent after experiencing a 7.1 percent increase in 1979. The textile mill industry showed the most severe decline (9.9 percent) among nondurable manufacturers.

Contract construction recorded a modest gain; however, the lumber and furniture industries declined and construction is expected to decrease along with them in the upcoming year.

Nonmanufacturing industries as a whole showed only a slight decline (0.4 percent) with most industries keeping fairly stable employment.

TABLE VI

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Percent Change
TOTAL	61,310	60,220	-1.8
Manufacturing	28,230	27,280	-3.4
Durable Goods	12,890	12,190	-5.4
Lumber	650	600	-7.7
Furniture	3,540	3,220	-9.0
Stone, Clay, & Glass Products	630	590	-6.3
Primary Metal Industries	330	360	9.1
Fabricated Metal Products	1,100	1,320	20.0
Machinery, Non-electrical	380	350	-7.9
Electrical Machinery	6,120	5,640	-7.8
Transportation Equipment	120	90	-25.0
Professional, Scientific Instruments	20	20	0
All Other Durable Goods	0	0	0
Nondurable Goods	15,340	15,090	-1.6
Food & Kindred Products	1,020	960	-5.9
Textile Mill Products	3,650	3,290	-9.9
Apparel	6,380	6,430	.8
Paper and Allied Products	1,790	1,840	2.8
Printing and Publishing	340	350	2.9
Chemicals & Allied Products	1,360	1,300	-4.4
Rubber & Miscellaneous	520	650	25.0
Leather Products	280	270	-3.6
All Other Nondurable Goods	0	0	0
Nonmanufacturing - Total	33,080	32,940	-.4
Contract Construction	1,920	2,010	4.7
Transportation, Communication & Utilities	1,620	1,640	1.2
Wholesale & Retail Trade	7,940	7,720	-2.8
Finance, Insurance & Real Estate	1,640	1,610	-1.8
Services and Others	6,270	6,350	1.3
Government - Total	11,900	11,770	-1.1
All Other Nonmanufacturing	1,790	1,840	2.8

E. Occupational Trends

Industrial expansion is expected to create about 1,690 new job opportunities per year in the Southeast District. Labor force separations should create an additional 1,415 opportunities annually, bringing total average annual job openings to 3,150 between 1970 and 1982. Almost one-third of these will be positions for operatives.

Following a trend evident across the United States, total employment is increasing substantially for: professional, technical and kindred; managers, officials, and proprietors; clerical workers; and service workers. These white collar occupations should show the highest percentage increases in the 1970 to 1982 period. Clerical occupations are expected to experience the greatest increase in demand.

Below average growth is expected for blue collar occupations. Paralleling another national trend, new jobs for sales workers and craftsmen, foremen and kindred workers will appear in this area at a moderate rate between 1970 and 1982.

Opportunities for laborers should be relatively poor, reflecting the increasing mechanization of industry and agriculture. While the total number of non-farm laborers continues to rise slowly, a 29.6 percent decline will occur in the number of farmers and farm workers in the Southeast Tennessee Development District. Only about 20 positions per year for farm workers and farmers will need filling--all of these will occur because of labor force separations.

TABLE VII

ESTIMATED 1970 AND PROJECTED 1982 OCCUPATIONAL EMPLOYMENT

OCCUPATIONAL TITLE	EMPLOYMENT 1970	EMPLOYMENT 1982	PERCENT CHANGE 1970-1982	AVERAGE ANNUAL JOB OPENINGS*
Total, All Occupations	41,430	63,170	52.5	3,150
Professional, Technical Kindred	3,850	6,860	78.2	440
Managers, Officials Proprietors	2,460	4,370	77.6	250
Sales Workers	1,250	2,050	64.0	130
Clerical Workers	3,180	5,840	83.6	430
Craftsmen, Foremen, Kindred	5,480	8,180	49.3	360
Operatives	11,660	18,170	55.8	1,000
Service Workers	3,660	6,130	67.5	430
Laborers, Except Farm	2,300	2,820	22.6	90
Farmers and Farm Workers	1,960	1,380	-29.6	20

*Job openings represent the total openings due to industrial expansion demand, and openings due to separations.

Source: Tennessee Department of Emploment Security "Employment Outlook"

TABLE VIII

HIGH DEMAND OCCUPATIONS

OCCUPATIONS	ANNUAL JOB OPENINGS 1970--1980	PERCENT OF TOTAL	DUE TO	
			NEW JOBS	SEPARATIONS
Sewers & Stitchers	457	14.53	220	237
Secretaries other than legal and medical	166	5.28	76	90
Elementary School Teachers	92	2.92	27	65
Misc. Machine Operatives	88	2.80	45	43
Janitors & Sextons	78	2.48	43	35
Sales Clerks, retail trade	64	2.03	23	41
Bookkeepers	54	1.72	24	30
Cooks, exc. Private	54	1.72	20	34
Hairdressers & Cosmetologists	53	1.68	26	27
Foremen	52	1.65	29	23
Checkers, Examiners, etc. Mfg.	51	1.62	27	24
Carpenters	50	1.59	26	24
Assemblers	49	1.56	19	30
Registered Nurses	39	1.24	20	19
Waiters	39	1.24	13	26
Operatives, nec.	37	1.18	16	21
Secondary School Teachers	34	1.08	10	24
Constr. Labr. Exc. Carp. Help	34	1.08	18	16
Clergymen	33	1.05	21	12
Truck Drivers	33	1.05	16	17

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Analysis

The Employment Security Automated Reporting System (ESARS) categorizes active applicants according to occupational experience, sex, and age. Males made up a larger portion of the applicants file (53.8 percent) than did females. Most applicants were between 22 and 45 years old (60.4 percent); however, those over 45 increased by 1.2 percent from the previous year. The 22 to 45 year age group constituted a significant portion of each occupational category. Females dominated the number of applications for clerical and sales, services, and benchwork occupations. Male applicants were prevalent in farming, fishery, forestry and related, processing, machine trades, structural work and miscellaneous occupations.

TABLE IX

ESAR APPLICANT CHARACTERISTICS

	OCCUPATIONS	*PERCENT
0-1	Professional, Technical, Managerial	3.3
2	Clerical and Sales	12.4
3	Services	14.4
4	Farming, Fisheries, Forestry	2.2
5	Processing	3.0
6	Machine Trades	8.4
7	Benchwork	14.0
8	Structural Work	12.9
9	Miscellaneous	13.3
	Partials and Invalid Claims	16.4

SEX	PERCENT
Males	53.8
Females	46.2
AGE	
0-21	24.0
22 and over	76.0
RACE	
White	93.3
Nonwhite	6.7
Nonwhite Female	4.7

EDUCATION	PERCENT
0-8	31.1
9-12	61.4
13-16	7.4
MISCELLANEOUS	
Disadvantaged	50.0
Veteran	8.4
Handicapped	5.7
Welfare	14.6
Foodstamp	24.5

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980.

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
Southeast Tennessee		5,351	53.8	46.2	24.0	60.4	15.6	31.1	61.4	7.4	93.3	6.7	4.7	50.0	8.4	14.6	5.7	24.5
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	176	60.2	39.8	8.0	77.3	14.7	9.1	53.4	36.9	92.0	8.0	4.5	30.1	21.6	5.1	7.4	13.6
Prof. & Tech.	00-16	94	53.2	46.8	6.4	80.8	12.8	12.8	40.4	46.8	92.5	7.5	3.2	30.8	21.3	7.4	6.4	13.8
Architecture & Engineering	00-01	16	87.5	12.5	12.5	62.5	25.0	0	18.8	81.2	93.8	6.2	0	37.5	31.2	0	12.5	12.5
Math & Phy Science	02	2	50.0	50.0	0	100.0	0	0	50.0	50.0	100.0	0	0	0	50.0	0	0	0
Life Science	04	5	80.0	20.0	0	80.0	20.0	0	40.0	60.0	60.0	40.0	0	20.0	20.0	0	0	0
Social Science	05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine & Health	07	20	20.0	80.0	10.0	65.0	25.0	5.0	70.0	25.0	90.0	10.0	10.0	35.0	15.0	15.0	0	10.0
Education	09	17	29.4	70.6	11.8	76.4	11.8	5.9	17.6	64.7	94.1	5.9	0	35.3	0	11.8	5.9	11.8
Museum & Archival Ser.	10	1	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0
Law & Jurisprudence	11	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0.	0	0	0	0
Religion & Theology	12	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Writing	13	1	0	100.0	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0
Art	14	6	50.0	50.0	0	83.3	16.7	0	66.7	33.3	83.3	16.7	16.7	33.3	16.7	33.3	16.7	0
Entertainment & Recreation	15	5	60.0	40.0	0	100.0	0	0	40.0	60.0	100.0	0	0	20.0	0	0	0	60.0
Administrative Specializations	16	19	78.9	21.1	0	84.2	15.8	0	31.6	68.4	100.0	0	0	15.8	47.4	0	5.3	21.1
Managerial	18	66	72.7	27.3	12.1	69.7	18.2	6.0	72.7	19.7	95.5	4.5	3.0	27.3	19.7	0	6.1	15.2
Miscellaneous Professional, Tech.	19	16	50.0	50.0	0	87.5	12.5	0	50.0	50.0	75.0	25.0	18.8	37.5	31.3	12.5	18.8	6.3
CLERICAL & SALES	2	665	16.4	83.6	27.1	62.0	10.9	4.4	74.9	20.6	92.9	7.1	6.0	40.0	5.6	10.4	3.5	10.4
Clerical	20-24	556	10.6	89.4	27.3	63.2	9.5	3.4	75.2	21.2	92.8	7.2	6.7	39.7	4.7	10.6	3.4	8.8
Typing, Filing, & Related Work	20	139	2.2	97.8	23.0	71.2	5.8	0	70.0	30.0	92.1	7.9	7.2	32.4	1.4	8.6	1.0	4.3
Computing & Account Recording	21	297	4.7	95.3	31.0	59.2	9.8	3.7	78.1	17.8	93.6	6.4	6.1	39.7	2.4	11.4	2.4	8.1
Material & Prod. Recording	22	56	64.3	35.7	23.2	64.3	12.5	5.4	73.2	21.4	91.1	8.9	7.1	39.3	28.6	7.1	12.5	17.9
Infor. & Message Distribution	23	29	10.3	89.7	27.6	62.1	10.3	10.3	75.9	13.8	93.1	6.9	6.9	58.6	3.4	13.8	6.9	20.7
Misc. Clerical	24	35	8.6	91.4	20.0	62.9	17.1	5.7	74.3	20.0	91.4	8.6	8.6	54.3	0	14.3	5.7	8.6
Sales	25-29	109	45.9	54.1	25.7	56.0	18.3	9.2	73.4	17.4	93.6	6.4	2.8	39.4	10.1	9.2	3.7	18.3
Salesperson, Ser.	25	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Salespersons, Commodities	26-28	60	45.0	55.0	18.3	63.4	18.3	5.0	71.7	23.3	93.3	6.7	1.7	36.7	10.0	6.7	1.7	16.7
Merchandising, except Sales	29	48	47.9	52.1	35.4	45.8	18.8	14.6	75.0	10.4	93.8	6.2	4.2	43.8	10.4	12.5	6.2	20.8

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	757	23.5	76.5	27.2	51.9	20.9	34.5	61.4	4.1	88.9	11.1	7.3	65.7	4.0	31.3	7.9	15.9
Domestic	30	47	6.4	93.6	6.4	34.0	59.6	68.1	31.9	0	83.0	17.0	17.0	72.3	0	46.8	14.9	17.0
Other Service	31-38	710	24.6	75.4	28.6	53.1	18.3	32.3	63.4	4.4	89.3	10.7	6.6	65.2	3.9	30.3	7.5	15.8
Food Preparation & Service	31	365	18.6	81.4	35.3	48.8	15.9	27.9	67.4	4.7	91.0	9.0	5.8	64.4	2.2	30.4	5.5	14.8
Lodging & kindred	32	77	6.5	93.5	15.6	49.4	35.0	55.8	42.9	1.3	87.0	13.0	9.1	71.4	1.3	36.4	11.7	16.9
Barbering & kindred	33	9	0	100.0	55.6	44.4	0	11.1	77.8	11.1	88.9	11.1	11.1	77.8	0	44.4	0	0
Amusement & kindred	34	2	0	100.0	50.0	0	50.0	0	100.0	0	100.0	0	0	50.0	0	0	0	0
Misc. Pers. Ser.	35	75	10.7	89.3	20.0	72.0	8.0	20.0	76.0	4.0	92.0	8.0	5.3	78.7	4.0	45.3	6.7	9.3
Apparel & Furnish.	36	46	10.9	89.1	13.0	60.9	26.1	41.3	56.5	2.2	91.3	8.7	6.5	47.8	2.2	26.1	2.2	19.6
Protective Service	37	47	72.3	27.7	17.0	74.5	8.5	17.0	68.1	14.9	83.0	17.0	8.5	46.8	25.5	19.1	12.8	10.6
Building & kindred	38	89	61.8	38.2	30.3	44.9	24.7	46.1	52.8	1.1	84.3	15.7	7.7	69.7	3.4	19.1	13.5	27.0
FARMING, FISHERY, FORESTRY	4	117	88.0	12.0	33.3	54.7	12.0	55.6	41.0	3.4	97.4	2.6	0	69.2	1.7	13.7	8.5	37.6
Plant Farming	40	55	85.4	14.5	38.2	49.1	12.7	52.7	41.8	5.5	98.2	1.8	0	67.3	1.8	14.5	7.3	36.4
Animal Farming	41	14	92.9	7.1	35.7	42.9	21.4	64.3	35.7	0	100.0	0	0	71.4	0	14.3	0	42.9
Misc. Farming	42	15	86.7	13.3	46.7	46.7	6.6	80.0	20.0	0	86.7	13.3	0	93.3	0	33.3	13.3	20.0
Fishery & kindred	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry	45	33	90.9	9.1	18.2	72.7	9.1	45.5	51.5	3.0	100.0	0	0	60.6	3.0	3.0	12.1	45.5
Agricultural Service	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROCESSING	5	158	75.3	24.7	19.0	69.6	11.4	33.6	62.0	4.4	91.8	8.2	5.7	44.9	8.2	7.6	3.8	24.1
Metal	50	10	80.0	20.0	20.0	60.0	20.0	30.0	70.0	0	100.0	0	0	20.0	10.0	0	0	20.0
Refining & Foundry	51	43	90.7	9.3	23.3	67.4	9.3	30.2	67.5	2.3	90.7	9.3	4.7	41.9	9.3	2.3	2.3	39.5
Food & kindred	52	13	69.2	30.8	7.7	76.9	15.4	61.5	30.8	7.7	100.0	0	0	84.6	7.7	23.1	15.4	23.1
Paper & kindred	53	1	100.0	0	0	0	100.0	0	100.0	0	100.0	0	0	0	0	0	0	0
Petroleum & kindred	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals, Plastics & kindred	55	25	84.0	16.0	16.0	76.0	8.0	28.0	60.0	12.0	92.0	8.0	8.0	32.0	8.0	12.0	4.0	12.0
Wood & Wood Products	56	2	100.0	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0
Stone, Clay & kindred	57	16	87.5	12.5	12.5	87.5	0	37.5	62.5	0	81.3	18.7	12.5	56.2	0	0	12.5	43.8
Leather, Textiles & kindred	58	39	51.3	48.7	23.1	59.0	17.9	28.2	66.7	5.1	89.7	10.3	7.7	51.3	5.1	12.8	0	12.8
Processing, N.E.C.	59	9	55.6	44.4	0	100.0	0	33.3	66.7	0	100.0	0	0	11.1	33.3	0	0	11.1
MACHINE TRADES	6	452	67.7	32.3	16.3	70.4	13.3	35.2	59.7	5.1	96.2	3.8	1.0	49.1	13.3	9.3	6.2	25.2
Metal Machining	60	43	86.0	14.0	11.6	76.8	11.6	25.6	58.1	16.3	97.7	2.3	0	37.2	14.0	7.0	4.7	27.9
Metalwork, N.E.C.	61	58	74.1	25.9	12.1	77.6	10.3	32.8	65.5	1.7	89.7	10.3	3.4	44.8	10.3	12.1	3.4	22.4
Machine Repair	62-63	123	99.0	1.0	20.3	69.1	10.6	34.2	57.7	8.1	97.6	2.4	0	39.8	29.3	4.9	4.9	27.6
Paperworking	64	9	55.6	44.4	11.1	66.7	22.2	33.3	55.6	11.1	100.0	0	0	55.6	11.1	22.2	11.1	22.2
Printing	65	7	42.9	57.1	28.6	71.4	0	0	100.0	0	100.0	0	0	28.6	0	0	0	28.6
Wood Machining	66	56	91.1	8.9	10.7	71.4	17.9	71.4	28.6	0	100.0	0	0	75.0	3.6	0	12.5	48.2
Maching. Stone, Glass & kindred	67	3	66.7	33.3	66.7	33.3	0	33.3	66.7	0	100.0	0	0	100.0	0	0	0	66.7
Textile	68	140	25.7	74.3	15.7	68.6	15.7	27.9	69.3	2.8	95.7	4.3	1.4	52.9	5.7	15.7	6.4	12.9
Machine Trades, N.E.C.	69	13	53.8	46.2	30.8	53.8	15.4	30.8	69.2	0	92.3	7.7	0	38.5	7.7	15.4	7.7	30.8

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCHWORK (Fabrication, Assembly, & Repair)	7	747	21.4	78.6	17.9	65.5	16.6	32.4	63.3	4.3	95.0	5.0	3.7	54.8	3.6	24.1	6.2	13.0
Metal Products, N.E.C.	70	75	48.0	52.0	26.7	62.7	10.6	24.0	70.7	5.3	88.0	12.0	6.7	45.3	6.7	14.7	5.3	14.7
Scientific & Medical Good & kindred	71	47	25.5	74.5	19.1	48.9	32.0	48.9	44.7	6.4	89.4	10.6	6.4	89.4	8.5	70.2	14.9	10.6
Electrical Equipment	72	75	34.7	65.3	14.7	74.7	10.6	8.0	72.0	20.0	96.0	4.0	4.0	29.3	9.3	12.0	6.7	10.7
Products from Assorted Materials	73	9	44.4	55.6	44.4	55.6	0	11.1	66.7	22.2	100.0	0	0	44.4	0	11.1	0	11.1
Painting & kindred	74	11	45.5	54.5	9.1	63.6	27.3	36.4	63.6	0	100.0	0	0	54.5	9.1	9.1	0	9.1
Plastics, Rubber & kindred	75	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Wood Products	76	32	68.8	31.2	25.0	65.6	9.4	34.4	65.6	0	100.0	0	0	50.0	6.2	3.1	12.5	15.6
Sand, Stone & kindred Products	77	2	50.0	50.0	0	50.0	50.0	0	100.0	0	100.0	0	0	50.0	0	0	50.0	50.0
Textile, Leather & kindred Products	78	493	10.8	89.2	16.4	66.2	17.4	36.1	62.3	1.6	95.9	4.1	3.4	57.2	1.6	24.9	5.1	13.0
Benchwork, N.E.C.	79	2	0	100.0	0	100.0	0	50.0	50.0	0	100.0	0	0	100.0	0	50.0	0	50.0
STRUCTURAL WORK	8	689	97.0	3.0	20.8	66.6	12.6	30.9	63.7	5.4	96.5	3.5	0	44.8	18.4	4.5	5.4	35.1
Metal Fabricating, N.E.C.	80	55	87.3	12.7	10.9	80.0	9.1	29.1	69.1	1.8	98.2	1.8	0	20.0	16.4	0	5.5	40.0
Welders & kindred	81	75	96.0	4.0	21.3	76.0	2.7	14.7	76.0	9.3	98.7	1.3	0	34.7	24.0	4.0	6.7	21.3
Electrical	82	67	92.5	7.5	19.4	70.1	10.5	10.5	77.6	11.9	97.0	3.0	0	28.4	34.3	1.5	1.5	23.9
Painting, Plastering & kindred	84	30	100.0	0	10.0	66.7	23.3	33.3	60.0	6.7	93.3	6.7	0	60.0	13.3	0	3.3	63.3
Excavating & kindred	85	58	100.0	0	10.3	70.7	19.0	43.1	53.4	3.5	98.3	1.7	0	44.8	15.5	3.5	5.2	39.7
Construction	86	355	98.6	1.4	23.9	62.3	13.8	36.1	59.7	4.2	96.3	3.7	0	51.5	16.1	5.1	5.6	36.9
Structural, N.E.C.	89	49	98.0	2.0	28.6	59.2	12.2	32.7	63.3	4.0	91.8	8.2	2.0	53.1	14.3	14.3	8.2	30.6
MISCELLANEOUS	9	711	87.8	12.2	26.9	59.3	13.8	35.0	60.1	4.9	95.5	4.5	1.0	50.9	15.0	6.9	7.7	29.0
Motor Freight, Transportation	90-91	259	96.5	3.5	14.3	71.0	14.7	33.6	61.0	5.4	96.9	3.1	0	43.2	22.8	3.9	7.3	28.6
Packaging & Material Handling	92	392	81.4	18.6	35.5	53.1	11.5	35.2	60.2	4.6	94.4	5.6	1.0	58.4	8.4	9.9	7.4	28.1
Other Misc.	93-97	60	91.7	8.3	25.0	50.0	25.0	40.0	55.0	5.0	96.7	3.3	0	35.0	25.0	0	28.0	36.7
Extraction of Min.	93	34	97.1	2.9	11.8	50.0	38.2	58.8	41.2	0	94.1	5.9	0	44.1	23.5	0	8.8	47.1
Production & Distribution of Utilities	95	10	100.0	0	30.0	50.0	20.0	10.0	80.0	10.0	100.0	0	0	30.0	50.0	0	10.0	10.0
Amusement & kindred, N.E.C.	96	1	100.0	0	100.0	0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Graphic Art Work	97	15	73.3	26.7	46.7	53.3	0	20.0	66.7	13.3	100.0	0	0	13.3	13.3	0	20.0	33.3
PARTIALS & INVALID CODES	99	879	57.7	42.3	31.4	48.6	20.0	43.0	54.0	2.8	90.3	9.7	3.6	46.3	1.4	15.7	3.0	40.4

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of Need

The total universe of need in fiscal year 1982 for the Southeast Development District is projected at 31,605 persons. Persons classified as nonpoor will comprise 82 percent of this total. The remaining 18 percent are expected to have incomes below the poverty level. Among the poor, nearly 97 percent are considered disadvantaged.

The disadvantaged fall into two categories, unemployed and underutilized. An estimated 77 percent of the disadvantaged are underutilized persons. Most of these are people employed full-time but with family incomes at or below the poverty level.

A total of 23,940 individuals are expected to be unemployed during fiscal year 1982 in the Southeast Development District. This includes 200 Vietnam era Veterans and 5,861 female heads of households.

TABLE XI

UNIVERSE OF NEED FOR MANPOWER SERVICES

Southeast Tennessee

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	31,605
a. Poor	5,506
(1) Disadvantaged	5,333
(2) Other Poor	173
b. Nonpoor	26,099
(1) Near Poverty	6,389
(2) All Other Nonpoor	19,710
2. Unemployed and Underutilized Disadvantaged, Total	5,333
a. Unemployed	1,197
b. Underutilized	4,136
(1) Employed part-time for economic reasons	692
(2) Employed full-time but with family income at or below poverty level	2,869
(3) Not in labor force but should be	575
3. Total Number of Different Individuals Unemployed in year	23,940
4. Vietnam Veterans-unemployed	200
5. Total veterans (needing manpower services)	5,069
6. School Dropouts during '79 school year	750
7. Welfare recipients (families)	1,995
8. Female Heads of Households	5,861
a. Disadvantaged - Female heads of Households	2,430

VI. ECONOMICALLY DISADVANTAGED

A. Barriers to Employment

Disadvantaged applicants generally have several problems confronting them as they attempt to enter the job market. The disadvantaged usually have a low level of education and are often uninformed about employment opportunities. A low skill level and lack of adequate transportation are also frequent barriers, as well as a lack of demand for their particular job abilities.

These and other employment problems surrounding disadvantaged persons are not easily overcome. However, a strong effort to make these people aware of the services and opportunities available may produce results which can effectively lower these barriers. This is particularly important since 25 percent of the total 1982 population for the District will be classified as economically disadvantaged.

B. Characteristics

A projected total of 53,367 persons in the district will be economically disadvantaged during 1982. Of these, approximately 2,430 will be female heads of household. Bradley County will have 11,315, or 21 percent of the disadvantaged, while McMinn County will have the second largest number--9,746, or 18.3 percent.

TABLE XII

ECONOMICALLY DISADVANTAGED

County	1982 Population Projections	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Bledsoe	10,486	7,643	37.1	3,890	66	1.7
Bradley	67,349	50,686	16.8	11,315	1,132	10.0
Grundy	15,016	10,631	44.3	6,652	*	*
Marion	24,651	20,577	29.1	7,173	559	7.8
McMinn	46,188	35,462	21.1	9,746	867	8.9
Meigs	6,327	5,219	33.7	2,132	*	*
Polk	13,140	11,669	24.8	3,259	*	*
Rhea	24,191	17,202	28.6	6,919	381	5.5
Sequatchie	7,655	6,331	29.8	2,281	*	*
Southeast TN	215,003	165,420	24.8	53,367	3,005	5.6

* This information is not available from the Census Bureau due to insufficient sample size (less than 400 minority population in the county).

Source: 1970 Census

TABLE XIII

FEMALE HEADS OF HOUSEHOLDS
AND
ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

County	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Bledsoe	10,486	273	2.6	136	1.3	49.8
Bradley	67,349	1,818	2.7	673	1.0	37.0
Grundy	15,016	420	2.8	250	1.6	57.1
Marion	24,651	666	2.7	271	1.1	40.7
McMinn	46,188	1,247	2.7	462	1.0	37.0
Meigs	6,327	177	2.8	95	1.5	53.7
Polk	13,140	302	2.3	145	1.1	48.0
Rhea	24,191	774	3.2	314	1.3	40.6
Sequatchie	7,655	184	2.4	84	1.1	45.7
Southeast TN	215,003	5,861	2.7	2,430	1.1	41.5

Source: 1970 Census

VII. APPENDIX

A. References:

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Tennessee Annual Average Labor Force Estimates, Tennessee Department of Employment Security, Research and Statistics Section.

Tennessee Employment Outlook, Regional Estimates for Occupations 1970 - 1980. Nashville, Tennessee; Tennessee Department of Employment Security. 1972.

U. S. Department of Commerce Bureau of the Census, 1970 Census of the Population, Tennessee. PC (VI) - 44 and PC (V2) - 44. Government Printing Office, Washington. 1971.

U. S. Department of Labor, Manpower Administration, Summary Manpower Indicators for Southwest Tennessee Development District, 1970 Census of Population. Regional Manpower Administration, San Francisco. 1972.

Veterans in Tennessee, 1978, Tennessee Department of Employment Security.

B. Southeast Area Employment & Training Offices and Employability Development Centers

Dayton (Rhea County)
104 North Market St., (37321)

Pikeville (Bledsoe County)
Bledsoe County Courthouse, (37367)

Jasper (Marion County)
101 Academy Ave., (37347)

Altamont (Grundy County)
Courthouse, 2nd Floor, (37301)

Cleveland (Bradley County)
173 Broad Street, S.W., P.O. Box 1297 (37311)

Athens (McMinn County)
201 White Street, (37303)

Decatur (Meigs County)
Courthouse, (37322)

Ducktown (Polk County)
Courthouse, (37326)

Benton (Polk County)
Courthouse, General Delivery (37307)

Dunlap (Sequatchie County)
Community Building, 2nd Floor (37237)

C. Unemployment Insurance

South Pittsburg (Marion County)
Old City Hall, Elm Street

Dunlap (Sequatchie County)
Courthouse

Cleveland (Bradley County)
173 Broad Street, S.W.

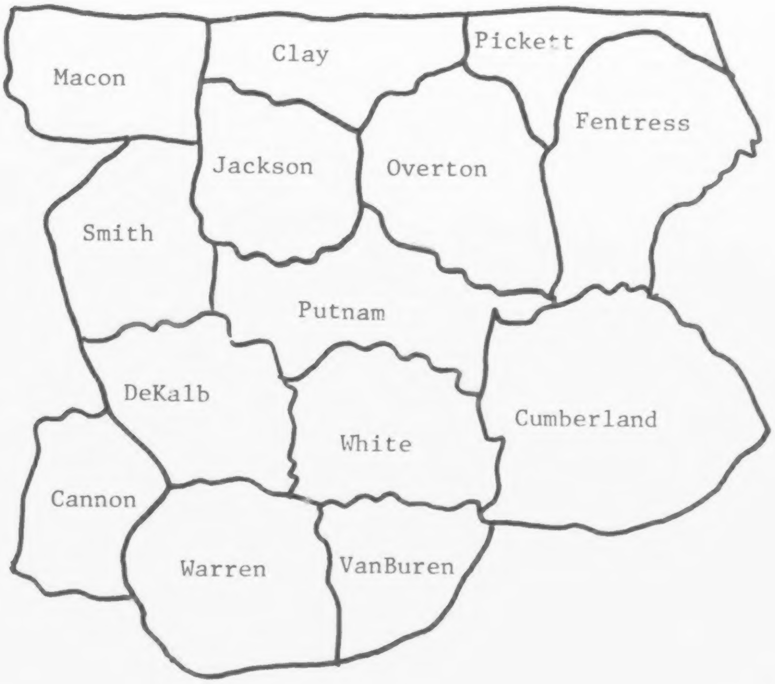
Dayton (Rhea County)
106 N. Market Street

Pikeville (Bledsoe County)
Courthouse

Athens (McMinn, Meigs County)
201 North White

Ducktown (Polk County)
Community Center

UPPER CUMBERLAND DEVELOPMENT DISTRICT


Macon
Clay
Pickett
Fentress
Jackson
Overton
Smith
Putnam
DeKalb
Cumberland
White
Cannon
Warren
VanBuren

PREPARED BY:

James Lawson
Manpower Specialist
Cookeville
(615) 528-6459

UPPER CUMBERLAND DEVELOPMENT DISTRICT

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I. HIGHLIGHTS AND CONCLUSIONS

The Upper Cumberland area has experienced a very high rate of unemployment since the last report was published. This high rate is not inconsistent with state and national trends, but it is approximately 3.0 percentage points higher. The unemployment forecast for the coming year is not especially bright since the recovery from the current recession is not expected to equal the rapidity of the 1975-76 post-recession recovery.

The population of the Upper Cumberland area is expected to be some 240,000, an increase of approximately 45,000 or 23.0 percent. Preliminary figures indicate that approximately 80.0 percent of this is from in-migration and the remainder from natural increases. This reverses the trend of the two preceding decades when out-migration occurred. This in-migration probably helps to account for the tremendous increase in the 20 to 49 year age group since 1970. Also, the average number of persons per household decreased; a trend which parallels the national trend.

The labor force of the Upper Cumberland has increases approximately 40.0 percent since 1970, a more rapid rate than population growth. A careful look at the data later in this report will reveal an increase in the movement of youth and women into the labor force.

Employment in the Upper Cumberland has become more diversified and emphasis has been changed from nondurable goods to durable goods. Nonmanufacturing employment has shown an increase over the past few years with services and government absorbing most of this growth.

The aforementioned changes should be considered by officials and planners when manpower services are planned.

Job prospects for the next year is not expected to be as favorable as in the past few years. Construction work is not expected to increase unless there is a decline in interest rates. The highest demand for workers is expected to be in services. Some clerical and assembly workers will be needed. The supply of applicants for these jobs will be sufficient and it is expected that employers will have a large number of qualified applicants for these job openings. Agricultural openings are expected to decrease over the next year because of technical and economic reasons.

Groups targeted as needing manpower services most are older workers, veterans, welfare recipients, female heads of households, youth and those at or near poverty levels.

It is difficult to predict the economy of the coming year, but it is not expected to improve rapidly. The unemployment rate is not expected to improve significantly until the latter part of 1981. As opposed to prior years, there are very few new planned job openings at this writing. Planners and officials might consider services which are unique or have not been tested in this area.

II. DESCRIPTION OF THE AREA

The Upper Cumberland Development District is located in the northeastern section of Middle Tennessee. The area consists of 5,093 square miles, or 3,259,520 acres, and lies within three different physiographic regions. About 29 percent of the area lies within the Central Basin in the western portion, and has an average elevation of about 500 feet. The Highland Rim, a section of level to rolling tableland constituting about 31 percent of the area, lies above the Central Basin. The remaining 40 percent of the area is atop the 2,000 to 3,500 feet high Cumberland Plateau.

The following counties make up the Upper Cumberland Development District: Cannon, Clay, Cumberland, DeKalb, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Van Buren, Warren and White. The cities of Cookeville, McMinnville, Crossville and Sparta are the major centers for employment, retail outlets, transportation, etc.

The completion of planned Highway 111 will be a desirable asset to the Upper Cumberland Development District in providing a north-south route to intersect with existing I-40. With this crossroad, transportation difficulties throughout a number of counties in the area will be virtually eliminated, and area tourist business should show a remarkable increase.

An abundance of natural resources have been found in the district, ranging from coal deposits in the eastern section to zinc and limestone in the southern and western counties. Timber, another valuable resource, is abundant in all counties--especially in higher elevations. A number of oil-producing wells have been constructed recently, part of ~~an~~ increased effort to locate more oil and natural gas. The three large lakes in the area are another resource; their value would be difficult to measure because millions of people visit them every year.

III. DISTRICT DEMOGRAPHIC DATA

The total population of the Upper Cumberland Development District is projected to be 238,137 persons in 1982--an increase of 44,457 people, or 23.0 percent. However, there is a discrepancy in this report and preliminary data released by the U. S. Census Bureau. The preliminary data released by the Census shows the total population of the Upper Cumberland to be 238,929 in 1980. The Census Bureau had not yet released population figures by age, race and sex at the time projections were prepared, so the projections are considered useful because of their detailed breakouts.

All population age groups increased from 1970 except the 5-9 year olds. Substantial increases were recorded in the 20-44 year group, but the highest came in the 30-34 year age group.

The male population of the area is projected to be 117,243 in 1982--an increase of 22,269, or 23.4 percent since 1970. The female population is projected to be 120,894, a 22.5 percent increase since 1970. Very few changes in population composition have occurred since 1970. For instance, 49.0 percent of the total population was male in 1970, compared to the 1982 projection of 49.2 percent. The male-female ratio among age groups follows the same pattern as the total population; one exception is a larger increase of females in those 50 and older.

The nonwhite population of the Upper Cumberland area is projected at 3,911, an increase of 383 or 10.9 percent. Although this group shows an increase, it is less than half the increase recorded by the area's total population. Unlike the

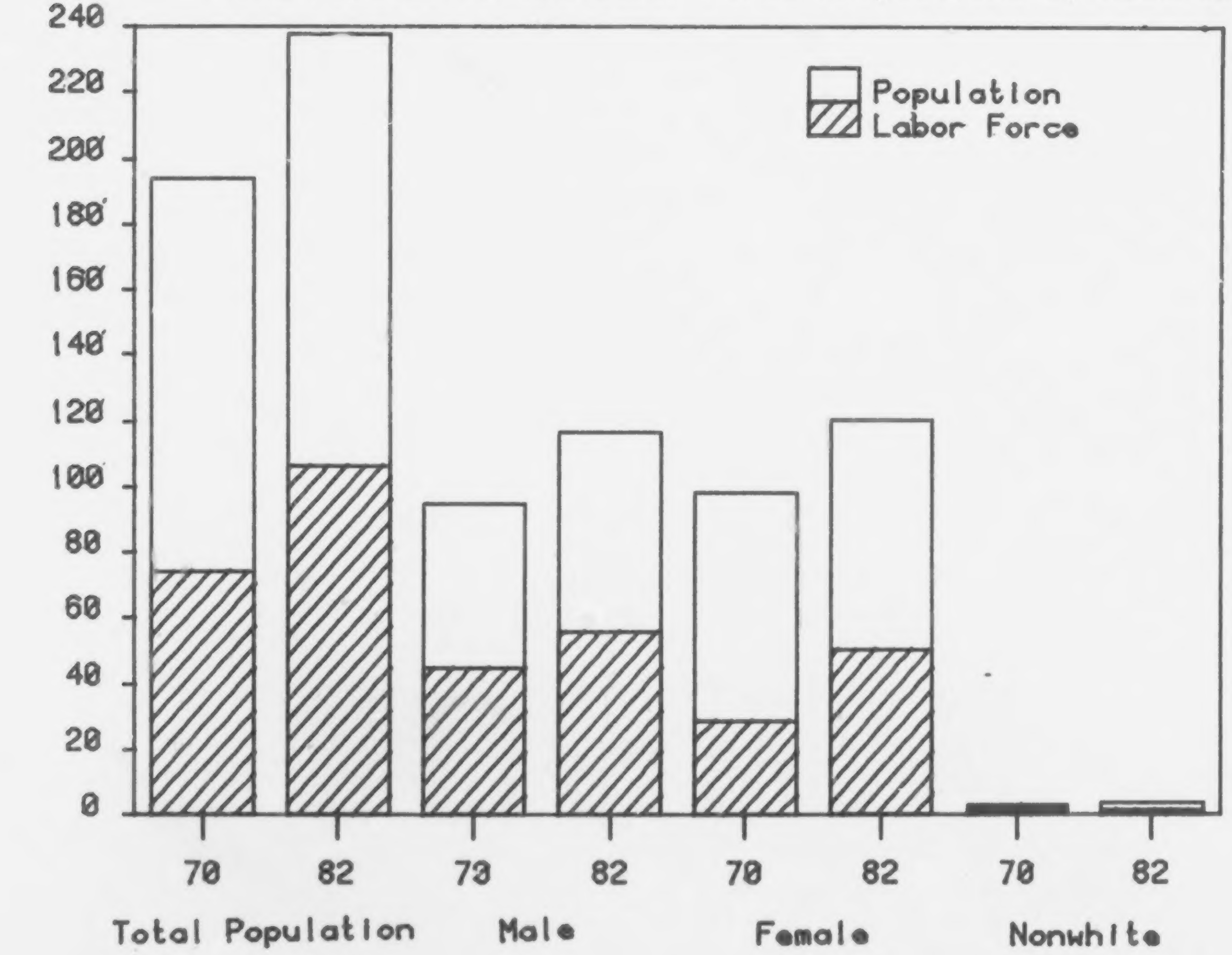
the total population, the nonwhite group had projected decreases among the 10-14, 50-68 and 75 and over age groups. Large increases are projected for the 20-34 year age group. Projections indicate 1.8 percent of the total population in 1982 will be nonwhite, a decrease of .2 percent since 1970.

While 32.0 percent of the total population are expected to be under 20 years of age, 32.8 percent will be over 44 years of age.

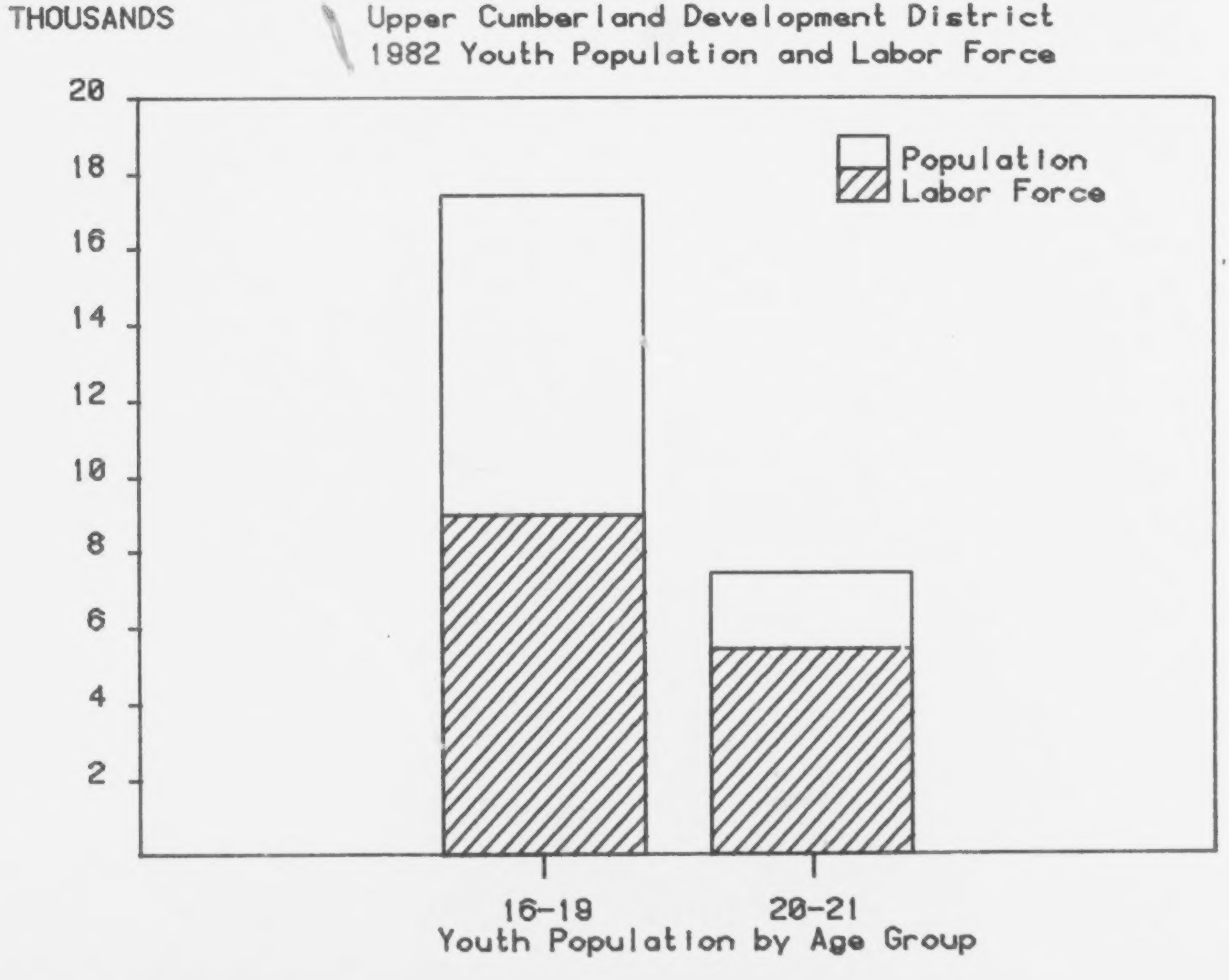
GRAPH I

Upper Cumberland

1982 Population and Labor Force Projections by Race/Sex



GRAPH II



Upper Cumberland Development District
1982 Youth Population and Labor Force

TABLE I

UPPER CUMBERLAND

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITES	TOTAL MALES	TOTAL FEMALES
0-4	17,042	16,602	440	8,814	8,228
5-9	17,379	16,966	414	9,107	8,272
10-14	20,029	19,675	354	10,434	9,596
15-19	21,801	21,427	375	11,296	10,505
20-24	18,772	18,388	384	9,405	9,367
25-29	17,625	17,303	322	8,888	8,737
30-34	18,570	18,326	245	9,030	9,540
35-39	15,938	15,723	215	8,130	7,808
40-44	12,972	12,826	146	6,455	6,517
45-49	12,892	12,696	196	6,237	6,655
50-54	12,297	12,151	146	5,785	6,512
55-59	11,979	11,855	124	5,679	6,300
60-64	11,363	11,204	158	5,448	5,914
65-69	9,911	9,800	111	4,519	5,392
70-74	8,332	8,185	147	3,639	4,693
75+	11,235	11,101	134	4,377	6,858
SPECIAL BREAKOUTS					
14-15	8,366	3,518	146	4,346	4,020
16-19	17,441	5,302	300	9,037	8,404
19 & Under	76,252	13,405	1,582	39,651	36,601
20-21	7,509	31,036	154	3,762	3,747
22-44	76,368	23,075	1,157	38,146	38,222
45-54	25,189	25,725	342	12,022	13,167
55 & Over	52,820	2,839	675	23,662	29,158
TOTAL	238,137	234,228	3,911	117,243	120,894

TABLE IA

UPPER CUMBERLAND

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	15,252	13,738	17,042	1,790	11.7
5-9	17,637	16,566	17,379	-258	-1.5
10-14	18,701	20,030	20,029	1,328	7.1
15-19	18,004	20,506	21,801	3,797	21.1
20-24	15,238	16,798	18,772	3,534	23.2
25-29	12,276	11,973	17,625	5,349	43.6
30-34	10,321	13,248	18,570	8,249	79.9
35-39	10,759	11,570	15,938	5,179	48.1
40-44	10,745	12,237	12,972	2,227	20.7
45-49	10,972	11,969	12,892	1,920	17.5
50-54	10,901	12,095	12,297	1,396	12.8
55-59	9,975	11,826	11,979	2,004	20.1
60-64	9,793	10,628	11,363	1,570	16.0
65-69	8,095	10,314	9,911	1,816	22.4
70-74	6,170	8,007	8,332	2,162	35.0
75+	8,841	10,803	11,235	2,394	27.1
TOTAL	193,680	212,308	238,137	44,457	23.0

Special Breakouts for 1982

14-15	8,366
16-19	17,441
19 and Under	76,252
20-21	7,509
22-44	76,368
45-54	25,189
55 and Over	52,820

TABLE IB

UPPER CUMBERLAND

TOTAL MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	7,789	7,036	8,814	1,025	13.2
5-9	9,054	8,457	9,107	53	.6
10-14	9,562	10,306	10,434	872	9.1
15-19	9,352	10,549	11,296	1,944	20.8
20-24	7,369	8,701	9,405	2,036	27.6
25-29	6,113	5,487	8,888	2,775	45.4
30-34	5,072	6,535	9,030	3,958	78.0
35-39	5,206	5,645	8,130	2,924	56.2
40-44	5,126	5,940	6,455	1,329	25.9
45-49	5,353	5,760	6,237	884	16.5
50-54	5,446	5,828	5,785	339	6.2
55-59	4,639	5,835	5,679	1,040	22.4
60-64	4,486	4,848	5,448	962	21.4
65-69	3,797	4,622	4,519	722	19.0
70-74	2,795	3,606	3,639	844	30.2
75+	3,815	4,398	4,377	562	14.7
TOTAL	94,974	103,553	117,243	22,269	23.4

Special Breakouts for 1982

14-15	4,346
16-19	9,037
19 and Under	39,651
20-21	3,762
22-44	38,146
45-54	12,022
55 and Over	23,662

TABLE IC

UPPER CUMBERLAND

TOTAL FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	7,463	6,702	8,228	765	10.3
5-9	8,583	8,109	8,272	-311	3.6
10-14	9,139	9,724	9,596	457	5.0
15-19	8,652	9,957	10,505	1,853	21.4
20-24	7,869	8,097	9,367	1,498	19.0
25-29	6,163	6,486	8,737	2,574	41.8
30-34	5,249	6,713	9,540	4,291	81.7
35-39	5,553	5,925	7,808	2,255	40.6
40-44	5,619	6,297	6,517	898	16.0
45-49	5,619	6,209	6,655	1,036	18.4
50-54	5,455	6,267	6,512	1,057	19.4
55-59	5,336	5,991	6,300	964	18.1
60-64	5,307	5,780	5,914	607	11.4
65-69	4,298	5,692	5,392	1,094	25.5
70-74	3,375	4,401	4,693	1,318	39.1
75+	5,026	6,405	6,858	1,832	36.5
TOTAL	98,706	108,755	120,894	22,188	22.5

Special Breakouts for 1982

14-15	4,020
16-19	8,404
19 and Under	36,601
20-21	3,747
22-44	38,222
45-54	13,167
55 and Over	29,158

TABLE ID

UPPER CUMBERLAND

TOTAL WHITES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14,946	13,362	16,602	1,656	11.1
5-9	17,297	16,235	16,966	-331	-1.9
10-14	18,282	19,644	19,675	1,393	7.6
15-19	17,638	20,043	21,427	3,789	21.5
20-24	15,011	16,480	18,388	3,377	22.5
25-29	12,083	11,661	17,303	5,220	43.2
30-34	10,185	13,050	18,326	8,141	79.9
35-39	10,567	11,432	15,723	5,156	48.8
40-44	10,595	12,022	12,826	2,231	21.1
45-49	10,837	11,806	12,696	1,859	17.2
50-54	10,718	11,951	12,151	1,433	13.4
55-59	9,829	11,634	11,855	2,026	20.6
60-64	9,555	10,478	11,204	1,649	17.3
65-69	7,946	10,072	9,800	1,854	23.3
70-74	6,056	7,863	8,185	2,129	35.2
75+	8,607	10,554	11,101	2,494	29.0
TOTAL	190,152	208,287	234,228	44,076	23.2

Special Breakouts for 1982

14-15	3,518
16-19	5,302
19 and Under	13,405
20-21	31,036
22-44	23,075
45-54	25,725
55 and Over	2,839

TABLE IE

UPPER CUMBERLAND

TOTAL NONWHITES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	306	376	440	134	43.8
5-9	340	331	414	74	21.8
10-14	419	386	354	-65	-15.5
15-19	366	463	375	9	2.5
20-24	227	318	384	157	69.2
25-29	193	312	322	129	66.8
30-34	136	198	245	109	80.1
35-39	192	138	215	23	12.0
40-44	150	215	146	-4	-2.7
45-49	135	163	196	61	45.2
50-54	183	144	146	-37	-20.2
55-59	146	192	124	-22	-15.1
60-64	238	150	158	-80	-33.6
65-69	149	242	111	-38	-25.5
70-74	114	144	147	33	28.9
75+	234	249	134	-100	-42.7
TOTAL	3,528	4,021	3,911	383	10.9

Special Breakouts for 1982

14-15	146
16-19	300
19 and Under	1,582
20-21	154
22-44	1,157
45-54	342
55 and Over	675

TABLE IF

UPPER CUMBERLAND

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	7,623	6,846	8,596	973	12.8
5-9	8,889	8,277	8,898	9	.1
10-14	9,388	10,118	10,236	848	9.0
15-19	9,166	10,355	11,108	1,942	21.2
20-24	7,283	8,539	9,251	1,968	27.0
25-29	6,022	5,308	8,740	2,718	45.1
30-34	5,007	6,440	8,943	3,936	78.6
35-39	5,123	5,586	8,028	2,905	56.7
40-44	5,059	5,847	6,384	1,325	26.2
45-49	5,289	5,687	6,150	861	16.3
50-54	5,371	5,761	5,719	348	6.5
55-59	4,579	5,758	5,620	1,041	22.7
60-64	4,401	4,788	5,385	984	22.4
65-69	3,732	4,538	4,460	728	19.5
70-74	2,750	3,546	3,587	837	30.4
75+	3,701	4,296	4,325	624	16.9
TOTAL	93,383	101,690	115,430	22,047	23.6

Special Breakouts for 1982

14-15	4,269
16-19	8,886
19 and Under	38,837
20-21	3,700
22-44	37,645
45-54	11,869
55 and Over	23,377

TABLE IG

UPPER CUMBERLAND

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	7,323	6,516	8,007	684	9.3
5-9	8,408	7,958	8,068	-340	-4.0
10-14	8,894	9,526	9,439	545	6.1
15-19	8,472	9,688	10,319	1,847	21.8
20-24	7,728	7,941	9,136	1,408	18.2
25-29	6,061	6,353	8,564	2,503	41.3
30-34	5,178	6,610	9,383	4,205	81.2
35-39	5,444	5,846	7,695	2,251	41.3
40-44	5,536	6,175	6,442	906	16.4
45-49	5,548	6,119	6,546	998	18.0
50-54	5,347	6,190	6,432	1,085	20.3
55-59	5,250	5,876	6,235	985	18.8
60-64	5,154	5,690	5,819	665	12.9
65-69	4,214	5,534	5,340	1,126	26.7
70-74	3,306	4,317	4,598	1,292	39.1
75+	4,906	6,258	6,776	1,870	38.1
TOTAL	96,769	106,597	118,799	22,030	22.8

Special Breakouts for 1982

14-15	3,952
16-19	8,255
19 and Under	35,832
20-21	3,655
22-44	37,566
45-54	12,978
55 and Over	28,768

TABLE IH

UPPER CUMBERLAND

NONWHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	166	190	219	53	31.9
5-9	165	180	209	44	26.7
10-14	174	188	197	23	13.2
15-19	186	194	188	2	1.1
20-24	86	162	153	67	77.9
25-29	91	179	149	58	63.7
30-34	65	95	87	22	33.8
35-39	83	59	102	19	22.9
40-44	67	93	71	4	6.0
45-49	64	73	87	23	35.9
50-54	75	67	66	-9	-12.0
55-59	60	77	59	-1	-1.7
60-64	85	60	63	-22	-25.9
65-69	65	84	59	-6	-9.2
70-74	45	60	52	7	15.6
75+	114	102	52	-62	-54.4
TOTAL	1,591	1,863	1,813	222	14.0

Special Breakouts for 1982

14-15	77
16-19	150
19 and Under	813
20-21	61
22-44	501
45-54	153
55 and Over	285

TABLE I-I

UPPER CUMBERLAND

NONWHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	140	186	221	81	57.9
5-9	175	151	205	30	17.1
10-14	245	198	157	-88	-35.9
15-19	180	269	187	7	3.9
20-24	141	156	231	90	63.8
25-29	102	133	173	71	69.6
30-34	71	103	157	86	121.1
35-39	109	79	113	4	3.7
40-44	83	122	75	-8	-9.6
45-49	71	90	109	38	53.5
50-54	108	77	80	-28	-25.9
55-59	86	115	65	-21	-24.4
60-64	153	90	95	-58	-37.9
65-69	84	158	52	-32	-38.1
70-74	69	84	95	26	37.7
75+	120	147	82	-38	-31.7
TOTAL	1,937	2,158	2,097	160	8.3

Special Breakouts for 1982

14-15	69
16-19	149
19 and Under	769
20-21	92
22-44	656
45-54	189
55 and Over	390

IV. ECONOMIC TRENDS & OUTLOOK

A. Labor Force

The labor force in the Upper Cumberland area is projected to be approximately 107,000 in 1982. This is an increase of over 32,000 persons or 43.1 percent from 1970 to 1982.

According to projections there will be an increase in all age groups of the labor force except the 65 and over group which shows a slight decrease. Unusually high increases should occur in the 16-17 and 25-34 age groups with growth rates of 110.6 and 93.1 percent respectively. A very high increase of almost 15 percent is expected in the female labor force. Also the proportion of women in the total labor force is expected to increase from 39.2 percent in 1970 to 47.3 percent in 1982. The changes in the female labor force are primarily the result of the following:

1. Wives forced to seek employment because of increases in cost of living.
2. Increase in the number of nonagricultural wage and salary jobs.
3. Greater diversification in the nonagricultural wage and salary jobs.
4. Increases in female heads of household due to the rise in divorce rates and trend of remaining single longer.

An increase is projected in the nonwhite labor force. However, as with the population trend, a much smaller increase is predicted for the non-white labor force.

B. Employment and Unemployment

Employment in the Upper Cumberland area is projected to increase to almost 100,000 in 1982 culminating a 40 percent increase since 1970. Employment has consistently increased since 1970 except for the recessionary period of the mid 1970's when there was a slight decrease. However, recovery was rapid and employment is projected to reach a record high in 1982.

Unemployment in the area has steadily risen over the past decade even though employment has shown tremendous increase. The primary reasons for the rise in unemployment during periods of employment expansion include:

1. Increased in-migration.
2. Increase in youth entering the labor force.
3. Increase in female labor force participation rate.
4. The closing of small family-operated farms, forcing owners to seek employment elsewhere.

The unemployment rate of the area should be studied closely to determine trends in unusually high seasonal unemployment. Seasonal factors and temporary layoffs can cause drastic changes in the unemployment rate. For instance, the apparel industry (SIC 23) often lays off large numbers of employees for short periods of time because of style changes or softening of the market. Also, there is substantial seasonal unemployment at times in the food industry, furntiure and fixtures establishments, resorts, and government. In many parts of the area, the labor force is small and it only takes a small increase in the number unemployed to cause a drastic rate increase. The unemployment rate level is expected to remain about the same over the next year with the usual seasonal fluctuations.

TABLE II

UPPER CUMBERLAND

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	3,629	3,518	110	1,868	1,761
18-19	5,404	5,302	102	2,722	2,682
20-24	13,730	13,405	325	6,879	6,851
25-34	31,467	31,036	431	15,148	16,319
35-44	23,400	23,075	325	12,214	11,185
45-64	26,175	25,725	450	15,319	10,857
65+	2,925	2,839	86	2,069	856
SPECIAL BREAKOUTS					
16-19	9,032	8,820	212	4,590	4,442
20-21	5,492	5,362	130	2,752	2,741
22-44	63,105	62,153	951	31,490	31,615
45-54	13,088	12,862	225	7,659	5,428
55 & Over	16,013	15,701	311	9,728	6,285
TOTAL	106,730	104,900	1,829	56,220	50,510

TABLE IIA

UPPER CUMBERLAND

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	74,583	106,730	43.1	70,713	99,259	40.4	3.870	7,471	93.0	5.2	7.0
16-17	1,723	3,629	110.6								
18-19	3,451	5,404	56.6								
20-24	9,946	13,730	38.0								
25-34	16,292	31,467	93.1								
35-44	15,655	23,400	49.5								
45-64	24,521	26,175	6.7								
65 and over	2,995	2,925	-2.3								

Information not available for age breakout.

Special Breakouts for 1982

16-19	9,032
20-21	5,492
22-44	63,105
45-54	13,088
55 and over	16,013

TABLE IIB

UPPER CUMBERLAND

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	44,647	55,407	24.1	42,285	51,517	21.8	2,362	3,890	64.7	5.3	7.0
16-17	1,068	1,807	69.2								
18-19	1,817	2,687	47.9	Information not available for age breakout.							
20-24	5,334	6,762	26.8								
25-34	9,913	14,963	50.9								
35-44	9,140	12,059	31.9								
45-64	15,224	15,109	-.8								
65 and over	2,151	2,020	-6.1								

Special Breakouts for 1982

16-19	4,494
20-21	2,705
22-44	31,079
45-54	7,554
55 and over	9,574

TABLE IIC

UPPER CUMBERLAND

WHITE FEMALES

AGE	CIVILIAN LABOR FORCE 1970	1982	PERCENT CHANGE	EMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT 1970	1982	PERCENT CHANGE	UNEMPLOYMENT RATE 1970	1982
Total	28,528	49,493	73.5	27,073	46,035	70.0	1,455	3,458	137.7	5.1	7.0
16-17	613	1,711	179.1								
18-19	1,560	2,615	67.6	Information not available for age breakout.							
20-24	4,439	6.643	49.7								
25-34	6,152	16,073	161.3								
35-44	6,234	11,016	76.7								
45-64	8,798	10,616	20.7								
65 and over	732	819	11.9								

Special Breakout 1982

16-19	4,326
20-21	2,657
22-44	31,074
45-54	5,308
55 and over	6,127

TABLE IID

UPPER CUMBERLAND

NONWHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	678	812	19.9	638	724	13.5	40	89	-10.1	5.9	10.9
16-17	26	61	134.6								
18-19	32	35	9.4								
20-24	70	117	67.1	Information not available for age breakout.							
25-34	126	185	46.8								
35-44	138	155	12.3								
45-64	226	210	-7.1								
65 and over	60	49	-18.3								
Special Breakouts for 1982											
16-19		96									
20-21		47									
22-44		411									
45-54		105									
55 and over		154									

TABLE IIE

UPPER CUMBERLAND

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	730	1,017	39.3	717	983	37.1	13	34	161.5	1.8	3.3
16-17	16	49	206.3								
18-19	42	67	59.5								
20-24	103	208	101.9	Information not available for age breakouts.							
25-34	101	246	143.6								
35-44	143	170	18.9								
45-64	273	240	12.1								
65 and over	52	37	-28.8								

Special Breakouts for 1982

16-19	116
20-21	83
22-44	540
45-54	120
55 and over	157

C. Characteristics of the Unemployed

There is probably more detailed information available on this group than any other target group in need of manpower services. However, this data excludes persons not utilizing the services offered by the Tennessee Department of Employment Security.

The ratio of male and female unemployed has changed somewhat since last year's report. In 1979, there were more females unemployed than males and in 1980 there were ten to twenty percent more males than females unemployed. This is a product of the recession in 1980 which caused a considerable amount of unemployment in the predominantly male durable goods sector.

Approximately 60.0 percent of the unemployed are between the ages of 22 and 45 and have between nine and twelve years of education. There are more unemployed with experience in clerical, sales, benchwork and structural occupations than other categories. This parallels data from the state in which approximately 80.0 percent of the unemployed were in manufacturing, trade, and construction establishments.

There is a higher percentage of females and youth utilizing the Job Service Division than Claims Division which tends to substantiate the belief that more youth and females are entering the labor force than in recent years.

TABLE III

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	4.8
2 Clerical and Sales	13.6
3 Services	6.5
4 Farming, Fisheries, Forestry	1.4
5 Processing	3.0
6 Machine Trades	13.6
7 Benchwork	21.4
8 Structural Work	22.3
9 Miscellaneous	11.7
Partials and Invalid Claims	1.7

SEX	PERCENT	EDUCATION	PERCENT
Males	60.0	0-8	25.1
Females	40.0	9-12	66.3
AGE		13-16	8.1
0-21	15.4	MISCELLANEOUS	
22 and over	84.6	Disadvantaged	16.0
RACE		Veteran	4.6
White	98.4	Handicapped	2.6
Black	1.4	Welfare	.9
Other	.2	Foodstamp	1.7

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
Upper Cumberland		2,557	60.0	40.0	15.4	65.5	19.1	25.1	66.3	8.1	98.4	1.4	.2	16.0	4.6	.9	2.6	1.7
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	122	58.2	41.8	5.7	74.6	19.7	4.9	43.3	42.6	98.4	1.6	0	1.6	8.2	0	2.5	1.6
Prof. & Tech.	00-16	73	45.2	54.8	8.2	74.0	17.8	1.4	39.7	49.3	98.6	1.4	0	2.7	8.2	0	1.4	0
Architecture & Engineering	00-01	10	80.0	20.0	10.0	70.0	20.0	0	50.0	50.0	100.0	0	0	10.0	10.0	0	0	0
Math & Phy. Science	02	2	100.0	0	0	100.0	0	0	0	50.0	100.0	0	0	0	50.0	0	0	0
Life Science	04	3	0	100.0	0	66.7	33.3	0	0	66.7	100.0	0	0	0	0	0	0	0
Social Sciences	05	0																
Medicine & Health	07	19	21.1	78.9	21.0	73.7	5.3	0	63.2	36.8	100.0	0	0	10.5	0	0	0	0
Education	09	15	13.3	86.7	0	80.0	20.0	6.7	6.7	60.0	100.0	0	0	0	0	0	6.7	0
Museum & Archival Ser.	10	0																
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	2	50.0	50.0	0	50.0	50.0	0	0	100.0	100.0	0	0	0	0	0	0	0
Art	14	4	50.0	50.0	0	100.0	0	0	100.0	0	75.0	25.0	0	25.0	25.0	0	0	0
Entertainment & Recreation	15	4	100.0	0	25.0	75.0	0	0	50.0	25.0	100.0	0	0	25.0	50.0	0	0	0
Administrative Specializations	16	14	71.4	28.6	0	64.3	35.7	0	35.7	64.3	100.0	0	0	0	7.1	0	0	0
Managerial	18	39	84.6	15.4	2.6	71.8	25.6	12.8	59.0	23.1	100.0	0	0	0	10.3	0	7.7	5.1
Miscellaneous Professional, Tech.	19	10	50.0	50.0	0	90.0	10.0	0	10.0	10.0	70.0	10.0	0	0	0	0	0	0
CLERICAL & SALES	2	347	22.5	77.5	17.6	63.4	19.0	6.1	77.2	16.4	99.1	.9	0	14.7	4.0	.6	2.0	0
Clerical	20-24	276	14.9	85.1	18.1	65.6	16.3	1.8	81.2	16.7	99.3	.7	0	13.0	3.3	.7	1.8	0
Typing, Filing, & Related Work	20	92	4.3	95.7	18.5	68.5	13.0	0	80.4	18.5	98.9	1.1	0	10.9	0	0	0	0
Computing & Account Recording	21	113	5.3	94.7	16.0	68.1	15.9	2.7	83.1	14.2	99.1	.9	0	15.0	1.8	.9	1.8	0
Material & Production Recording	22	38	71.1	28.9	29.0	52.6	18.4	5.3	81.5	13.2	100.0	0	0	15.8	13.2	2.6	5.3	0
Infor. & Message Distribution	23	24	12.5	87.5	12.5	62.5	25.0	0	79.2	20.8	100.0	0	0	12.5	8.3	0	4.2	0
Misc. Clerical	24	9	11.1	88.9	11.1	66.7	22.2	0	66.7	33.3	100.0	0	0	22.2	0	0	0	0
Sales	25-29	71	52.1	47.9	15.5	54.9	29.6	22.5	62.0	15.5	98.6	1.4	0	18.3	7.0	0	2.8	0
Salesperson, Ser.	25	2	0	100.0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	50.0	0	0	0	0
Salespersons, Commodities	26-28	24	79.2	20.8	20.8	50.0	29.2	20.8	50.0	29.2	95.8	4.2	0	12.5	8.3	0	0	0
Merchandising, except Sales	29	45	40.0	60.0	13.3	57.8	28.9	24.4	68.9	6.7	100.0	0	0	20.0	6.7	0	4.4	0

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	166	29.5	70.5	19.3	41.6	39.1	41.6	53.6	4.8	95.8	4.2	0	31.3	3.6	3.6	4.8	0
Domestic	30	14	0	100.0	0	42.9	57.1	50.0	50.0	0	92.9	7.1	0	42.9	0	0	0	0
Other Service	31-38	152	32.2	67.8	21.0	41.5	37.5	40.8	54.0	5.2	96.1	3.9	0	30.3	3.9	3.9	5.3	2.0
Food Preparation & Service	31	63	12.7	87.3	28.6	38.1	33.3	61.8	31.8	6.4	95.2	4.8	0	31.8	1.6	3.1	1.6	1.6
Lodging & kindred	32	15	0	100.0	20.0	60.0	20.0	40.0	60.0	0	100.0	0	0	46.7	0	6.7	6.7	0
Barbering & kindred	33	3	33.3	66.7	0	66.7	33.3	66.7	0	33.3	66.7	33.3	0	66.7	0	33.3	33.3	0
Amusement & kindred	34	0																
Mis. Personal Ser.	35	16	18.7	81.3	37.5	37.5	25.0	12.5	87.5	0	100.0	0	0	31.3	0	0	0	0
Apparel & Furnish.	36	20	25.0	75.0	5.0	55.0	40.0	60.0	35.0	5.0	100.0	0	0	20.0	0	10.0	0	0
Protective Service	37	15	93.3	6.7	13.3	46.7	40.0	40.0	46.7	13.3	100.0	0	0	26.7	20.0	0	26.7	6.7
Building & kindred	38	20	90.0	10.0	10.0	20.0	70.0	70.0	30.0	0	90.0	10.0	0	20.0	10.0	0	5.0	0
FARMING, FISHERY, FORESTRY	4	35	91.4	8.6	25.7	62.9	11.4	60.0	37.1	2.9	97.1	0	2.9	37.1	5.7	2.9	2.9	11.4
Plant Farming	40	19	89.5	10.5	31.6	57.9	10.5	63.1	31.6	5.3	94.7	0	5.3	47.4	5.3	5.3	5.3	10.6
Animal Farming	41	2	50.0	50.0	0	100.0	0	50.0	50.0	0	100.0	0	0	50.0	0	0	0	0
Misc. Farming	42	5	100.0	0	60.0	40.0	0	60.0	40.0	0	100.0	0	0	40.0	20.0	0	0	40.0
Fishery & kindred	44	0																
Forestry	45	9	100.0	0	0	77.8	22.2	55.6	44.4	0	100.0	0	0	44.4	0	0	0	-0
Agricultural Service	46	0																
PROCESSING	5	76	61.8	38.2	13.2	68.4	18.4	30.3	63.1	6.6	100.0	0	0	9.2	6.6	0	2.6	0
Metal	50	3	100.0	0	66.7	33.3	0	33.3	66.7	0	100.0	0	0	0	0	0	0	0
Refining & Foundry	51	12	100.0	0	16.7	58.3	25.0	16.7	75.0	8.3	100.0	0	0	0	25.0	0	0	0
Food & kindred	52	10	70.0	30.0	10.0	70.0	20.0	50.0	50.0	0	100.0	0	0	30.0	10.0	0	0	0
Paper & kindred	53	0																
Petroleum & kindred	54	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Chemicals, Plastics & kindred	55	16	68.7	31.3	0	75.0	25.0	43.8	43.8	12.5	100.0	0	0	0	6.3	0	0	0
Wood & Wood Products	56	1	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	7	85.7	14.3	28.6	71.4	0	42.9	42.9	14.2	100.0	0	0	0	0	0	0	0
Leather, Textiles & kindred	58	22	13.6	86.4	13.6	63.7	22.7	18.2	81.8	0	100.0	0	0	18.2	0	0	9.1	0
Processing, N.E.C.	59	4	75.0	25.0	0	100.0	0	25.0	75.0	0	100.0	0	0	0	0	0	0	0
MACHINE TRADES	6	349	80.2	19.8	14.9	68.2	16.9	25.2	69.4	5.4	99.1	.9	0	15.5	5.4	.6	2.3	2.3
Metal Machining	60	107	82.2	17.8	20.6	64.5	14.9	24.3	62.6	13.1	99.1	.9	0	18.7	6.5	0	.9	2.8
Metalworking, N.E.C.	61	52	65.4	34.6	9.6	71.2	19.2	26.9	71.2	1.9	100.0	0	0	11.5	1.9	1.9	3.8	1.9
Machine Repairmen	62-63	70	100.0	0	8.6	75.7	15.7	20.0	77.1	2.9	98.6	1.4	0	10.0	12.9	0	2.9	2.9
Paperworking	64	6	16.7	83.3	33.3	66.7	0	0	100.0	0	100.0	0	0	16.7	0	0	0	0
Printing	65	5	60.0	40.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Wood Machining	66	48	97.9	2.1	16.7	62.5	20.8	39.6	60.4	0	97.9	2.1	0	18.8	4.2	0	2.1	4.2
Machining Stone, Glass & kindred	67	2	100.0	0	0	50.0	50.0	100.0	0	0	100.0	0	0	100.0	0	0	0	0
Textile	68	24	41.7	58.3	4.2	70.8	25.0	25.0	75.0	0	100.0	0	0	20.8	0	4.2	8.3	0
Machine Trades, N.E.C.	69	35	71.4	28.6	22.9	62.8	14.3	20.0	74.3	5.7	100.0	0	0	11.4	0	0	0	0

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

		TOTAL	SEX		AGE			EDUCATION			RACE *							FOOD-
OCCUPATIONS -	DOT CODE	NUMBER	Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O	DISADV.	VETS	WELFARE	HANDICAP	STAMP
BENCH WORK (Fabrication, Assembly, & Repair)	7	547	30.9	69.1	17.0	65.8	17.2	25.6	71.3	3.1	98.5	1.1	.4	13.7	.9	1.3	1.8	.5
Metal Products, N.E.C.	70	107	36.4	63.6	16.8	66.4	16.8	24.3	72.0	3.7	100.0	0	0	7.5	.9	.9	.9	0
Scientific & Medical Good & kindred	71	23	17.4	82.6	4.4	65.2	30.4	8.7	73.9	17.4	91.3	8.7	0	0	0	0	0	0
Electrical Equipment	72	174	25.3	74.7	21.8	69.6	8.6	14.9	82.8	2.3	97.8	1.1	1.1	14.9	0	.6	1.7	.6
Products from Assorted Materials	73	32	40.6	59.4	21.9	59.4	18.7	15.6	84.4	0	100.0	0	0	18.8	0	0	0	0
Painting & kindred	74	8	87.5	12.5	12.5	87.5	0	37.5	62.5	0	100.0	0	0	25.0	0	0	12.5	0
Plastics, Rubber & kindred	75	10	70.0	30.0	0	80.0	20.0	10.0	80.0	10.0	100.0	0	0	10.0	10.0	0	0	0
Wood Products	76	16	93.7	6.3	6.3	43.7	50.0	68.7	31.3	0	100.0	0	0	31.3	6.3	0	0	0
Sand, Stone & kindred Products	77	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Textile, Leather & kindred Products	78	174	21.8	78.2	15.5	63.2	21.3	37.4	60.3	2.3	98.9	1.1	0	15.5	1.1	2.9	2.9	1.1
Benchwork, N.E.C.	79	1	0	100.0	0	0	100.0	100.0	0	0	100.0	0	0	0	0	0	0	0
STRUCTURAL WORK	8	571	89.8	10.2	14.9	67.4	17.7	29.1	65.6	5.3	98.2	1.8	0	14.9	6.7	.2	3.3	2.6
Metal Fabricating, N.E.C.	80	42	78.6	21.4	4.8	71.4	23.8	45.2	50.0	4.8	97.6	2.4	0	19.0	4.8	0	4.8	2.4
Welders & kindred	81	34	79.4	20.6	8.8	82.4	8.8	29.4	67.7	2.9	100.0	0	0	8.8	5.9	0	5.9	2.9
Electrical	82	91	59.3	40.7	23.1	68.1	8.8	12.1	83.5	4.4	97.8	2.2	0	6.6	3.3	1.1	4.4	0
Painting, Plastering & kindred	84	12	100.0	0	8.3	83.4	8.3	33.3	66.7	0	100.0	0	0	25.0	8.3	0	0	8.3
Excavating & kindred	85	63	100.0	0	9.5	68.3	22.2	31.7	58.7	9.6	100.0	0	0	9.5	15.9	0	7.9	0
Construction	86	305	98.4	1.6	15.4	66.6	18.0	29.5	64.9	5.6	97.7	2.3	0	17.0	5.9	0	1.6	3.6
Structural, N.E.C.	89	24	100.0	0	20.8	37.5	41.7	50.0	50.0	0	100.0	0	0	29.2	8.3	0	4.2	4.2
MISCELLANEOUS	9	299	89.3	10.7	12.0	70.6	17.4	30.8	64.9	4.3	98.3	1.7	0	18.1	6.0	.3	.2	2.7
Motor Freight, Transportation	90-91	123	97.6	2.4	4.9	73.2	21.9	35.0	62.6	2.4	99.2	.8	0	22.0	4.9	0	2.4	4.9
Packaging & Material Handling	92	103	73.8	26.2	23.3	63.1	13.6	32.0	64.1	3.9	96.1	3.9	0	23.3	3.9	.1	.1	.1
Other Misc.	93-97	73	97.3	2.7	8.2	76.7	15.1	21.9	68.9	8.2	100.0	0	0	4.1	11.0	0	2.7	1.4
Extraction of Minerals	93	70	97.1	2.9	8.6	75.7	15.1	22.9	67.0	7.1	100.0	0	0	2.9	10.0	0	1.4	0
Production & Distribution of Utilities	95	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	50.0	0	50.0	50.0
Amusement & kindred, N.E.C.	96	0																
Graphic Art Work	97	1	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	100.0	0	0	0	0
PARTIALS & INVALID CODES	99	45	60.0	40.0	22.2	62.2	15.6	35.6	55.6	8.9	95.6	2.2	2.2	28.9	2.2	4.4	4.4	4.4

* W - White B - Black O - Other

D. Industry

Nonagricultural wage and salary employment has increased approximately 25.0 percent over the past ten years. However, in the past year there has been only .5 percent increase with manufacturing employment showing a decrease of almost 2.0 percent. The services industry has shown remarkable gains the past few years with more than an 18.0 percent increase the past year.

In the past decade manufacturing employment has become more diversified with emphasis shifting from nondurable to durable industries. It seems that durable goods industries are less subject to short term layoffs and pay higher wages than most nondurable goods industries. However, Textile Mill Products (SIC 22) and Apparel (SIC 23) make up approximately 40.0 percent of manufacturing employment.

Nonmanufacturing employment has increased in every segment the past few years, but especially in Services (SIC 70-86, 89) and Government.

TABLE V

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
TOTAL	65,890	66,220	330	.5
Manufacturing	30,960	30,410	-550	- 1.8
Durable Goods	16,500	15,030	-1,470	- 8.9
Lumber	2,180	2,010	-170	- 7.8
Furniture	1,540	1,390	-150	- 9.7
Stone, Clay & Glass	200	250	50	25.0
Primary Metal Industires	1/	1/	1/	1/
Fabricated Metal Products	1,470	1,450	- 20	- 1.4
Nonelectrical Machinery	4,200	3,740	-460	-11.0
Electrical Machinery	3,880	3,500	-380	- 9.8
Transportation	870	620	-250	-28.7
Professional, Scientific & Controlling Instruments	1/	1/	1/	1/
All Other Durable Goods	2,160	2,070	- 90	- 4.2
Nondurable Goods	14,460	15,380	920	6.4
Food & Kindred Products	870	980	110	12.6
Tobacco	0	0	0	0
Textile Mill Products	830	810	- 20	-2.4
Apparel	10,730	11,260	530	4.9
Paper and Allied Products	2/	2/	2/	2/
Printing and Publishing	370	380	10	2.7
Chemicals & Allied Products	2/	2/	2/	2/
Petroleum & Refining	2/	2/	2/	2/
Rubber & Miscellaneous	2/	2/	2/	2/
Leather	2/	2/	2/	2/
All Other Nondurable Goods	1,660	1,950	290	17.5
Nonmanufacturing	34,930	35,810	880	2.5
Contract Construction	2,080	2,030	-50	-2.4
Transportation, Commerce & Public Utilities	1,880	2,040	160	8.5
Trade	8,610	8,270	-340	-4.0
Finance, Insurance & Real Estate	1,940	1,890	-50	-2.6
Services	6,400	7,570	1,170	18.3
Government	13,030	13,260	230	1.8
All Other Nonmanufacturing	990	750	-240	-24.2

1/ Included in "All Other Durable" to avoid disclosure of individual establishment data.
2/ Included in "All Other Nondurable" to avoid disclosure of individual establishment data.

E. Employment Trends and Outlook by Occupation

According to projections, employment in the Upper Cumberland area should increase by approximately 26,000 persons between 1970 and 1982. The operatives group is expected to have the largest number of average annual job openings while professional, technical and kindred workers will have the highest percentage increase between 1970 and 1982. All broad occupational groups show increases for 1970 and 1982 with the exception of farm workers which is expected to decline 40.1 percent.

Within the professional, technical and kindred occupations, the largest demand will be for elementary school teachers. However, accountants, lawyers and social workers are expected to be in high demand. There will also be a demand for sales and clerical workers, reflecting the increase in nonmanufacturing employment the last decade. The majority of the demand for operatives is expected to be for sewing machine operators and stitchers for the textile industry (SIC 22), apparel industry (SIC 23), and leather and leather products industry (SIC 31) since they employ over 40.0 percent of manufacturing workers.

Data concerning the supply of labor for the aforementioned jobs is limited. The best source of information is the number of active applicants and job openings listed with the Job Services Offices. According to available data, the majority of applicants have experience in: (1) clerical and sales (2) benchwork (3) structural work and (4) miscellaneous occupations. Comparing projected occupational demand with applications on file, there appears to be a good supply of persons with some experience in occupations which will be in high demand. At the present, applicants seem reluctant to accept existing service occupations, probably due to low pay and few benefits. Also, a shortage of qualified persons exists in some of the occupations in the health field.

TABLE VI

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1976 EMPLOYMENT	1982 PROJECTED	PERCENT CHANGE 1976-1982	AVERAGE ANNUAL JOB OPENINGS
Total All Occupations	77,540	90,550	16.8	2,160
Professional, Technical and Kindred	8,030	10,470	30.4	410
Managers, Officials and Proprietors	5,810	7,300	25.6	250
Sales Workers	3,750	4,500	20.0	120
Clerical Workers	8,010	10,170	27.0	360
Crafts and Kindred Workers	10,770	12,710	18.0	320
Operatives	23,430	26,420	12.8	500
Service Workers	8,990	11,140	23.9	360
Laborers, Except Farm	3,580	3,970	10.9	60
Farmers & Farm Workers	5,170	3,870	-25.1	-220

Source: Tennessee Employment Outlook, 1970-1980. Tennessee Department of Employment Security.

F. Wages

Covered Employment and Wages (See Table IX) for the State and counties of the Upper Cumberland, though somewhat incomplete, establishes the trend of considerable difference in the average weekly wages of the Upper Cumberland counties and the State even though almost all counties in the area have shown improvement since 1970.

TABLE VII

AVERAGE WEEKLY WAGE

County	Percent of Average Weekly Wage of State 1970	Percent of Average Weekly Wage of State 1975	Percent of Average Weekly Wage of State 1979
Cannon	58.0	89.7	75.1
Clay	57.1	54.5	63.1
Cumberland	73.9	73.3	77.4
DeKalb	58.8	59.4	67.7
Fentress	61.3	56.4	60.4
Jackson	63.9	67.3	71.4
Macon	65.5	69.7	73.3
Overton	58.8	63.0	69.1
Pickett	51.3	57.0	59.4
Putnam	74.8	82.4	82.0
Smith	58.8	63.0	77.4
Van Buren	58.0	58.8	65.0
Warren	84.0	83.6	88.0
White	74.8	76.4	74.2
State	119	165	217

Source: Covered Employment and Wages by Industry

UPPER CUMBERLAND

TABLE VIII

ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	3.9
2 Clerical and Sales	13.6
3 Services	12.4
4 Farming, Fisheries, Forestry	3.7
5 Processing	1.9
6 Machine Trades	9.5
7 Benchwork	18.2
8 Structural Work	15.9
9 Miscellaneous	9.1
Partials and Invalid Claims	11.8

SEX	PERCENT	EDUCATION	PERCENT
Males	54.6	0-8	29.9
Females	45.4	9-12	61.6
AGE		13-16	8.1
0-21	26.8	MISCELLANEOUS	
22 and over	73.2	Disadvantaged	35.4
RACE		Veteran	5.5
White	97.3	Handicapped	4.8
Nonwhite	2.7	Welfare	9.1
Nonwhite Female	0	Foodstamp	15.9

*Percents may not add due to rounding.

Source: ESARS FY ending Sept. 30, 1980

TABLE IX

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
Upper Cumberland		7,948	54.6	45.4	26.8	58.3	14.9	29.9	61.6	8.1	97.3	2.7	0	35.4	5.5	9.1	4.8	15.9
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	311	46.8	53.2	6.1	78.2	15.7	5.4	42.6	40.7	96.5	3.5	3.5	17.9	11.5	4.2	3.8	7.4
Prof. & Tech.	00-16	204	42.4	57.6	8.4	80.8	10.8	3.0	43.3	45.8	97.0	3.0	4.4	23.2	10.8	5.4	2.5	7.4
Architecture & Engineering	00-01	34	82.4	17.6	17.6	73.6	8.8	0	41.2	50.0	97.1	2.9	0	23.5	17.6	2.9	8.8	14.7
Math & Phy. Science	02	6	100.0	0	16.7	83.3	0	0	33.3	33.3	100.0	0	0	16.7	33.3	0	16.7	16.7
Life Science	04	9	0	100.0	0	88.9	11.1	0	11.1	66.7	100.0	0	0	0	0	0	0	0
Social Sciences	05	2	50.0	50.0	0	100.0	0	0	0	100.0	100.0	0	0	50.0	0	0	0	0
Medicine & Health	07	43	23.3	76.7	14.0	81.3	4.7	0	65.1	34.9	95.3	4.7	4.7	34.9	7.0	11.6	2.3	7.0
Education	09	52	15.4	84.6	3.8	80.8	15.4	11.5	38.5	36.5	96.2	3.8	3.8	30.8	1.9	5.8	1.9	5.8
Museum & Archival Ser.	10	0	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	100.0
Law & Jurisprudence	11	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	100.0
Religion & Theology	12	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Writing	13	4	75.0	25.0	0	75.0	25.0	0	0	100.0	100.0	0	0	25.0	0	0	0	25.0
Art	14	8	14.3	85.7	0	71.4	28.6	0	85.7	14.3	85.7	14.3	0	28.6	14.3	0	0	0
Entertainment & Recreation	15	8	87.5	12.5	12.5	87.5	0	0	37.5	37.5	100.0	0	0	37.5	50.0	25.0	0	0
Administrative Specializations	16	36	58.3	41.7	2.8	83.3	13.9	0	33.3	61.1	97.2	2.8	2.8	5.6	13.9	0	0	5.6
Managerial	18	82	73.2	26.8	7.3	67.1	25.6	11.0	51.2	31.7	95.1	3.7	1.2	4.9	15.9	1.2	6.1	7.3
Miscellaneous Professional, Tech.	19	25	25.0	75.0	4.2	79.1	16.7	8.3	12.3	75.0	91.7	8.3	4.2	12.5	0	4.2	4.2	8.3
CLERICAL & SALES	2	1,080	16.4	83.6	27.9	60.4	11.7	4.8	74.5	20.4	98.6	1.4	1.2	25.1	3.4	5.9	3.5	3.4
Clerical	20-24	878	11.7	88.3	28.4	61.6	10.0	3.5	75.1	21.1	98.7	1.3	1.3	26.7	3.1	6.4	3.2	2.7
Typing, Filing, & Related Work	20	314	4.5	95.5	28.7	63.4	7.9	1.0	74.5	24.5	98.7	1.3	1.3	25.2	1.9	6.1	3.2	1.3
Computing & Account Recording	21	384	6.0	94.0	32.5	57.8	9.7	3.9	80.7	15.4	98.7	1.3	1.3	29.3	2.6	6.3	2.4	3.1
Material & Production Recording	22	74	74.3	25.7	25.7	60.8	13.5	10.8	70.3	18.9	98.6	1.4	1.4	17.6	12.2	5.4	2.7	8.1
Infor. & Message Distribution	23	73	8.3	91.7	15.3	72.2	12.5	2.8	65.3	30.6	100.0	0	0	23.6	4.2	6.9	6.9	2.8
Misc. Clerical	24	33	12.1	87.9	9.1	69.7	21.2	6.1	66.6	27.3	97.0	3.0	3.0	30.0	3.0	15.2	6.1	3.0
Sales	25-29	202	37.6	62.4	25.2	55.0	19.8	11.9	71.3	16.8	98.5	1.5	1.0	18.8	5.4	3.5	5.0	5.9
Salesperson, Ser.	25	4	50.0	50.0	75.0	25.0	0	0	25.0	75.0	100.0	0	0	0	0	0	0	25.0
Salespersons, Commodities	26-28	52	57.7	42.3	17.3	53.9	28.8	15.4	59.6	25.0	96.2	3.8	1.9	17.3	11.5	0	5.8	1.9
Merchandising, except Sales	29	146	30.1	69.9	28.8	54.8	16.4	11.0	76.7	12.3	99.3	.7	.7	19.9	3.4	4.8	4.8	6.8

TABLE IX

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	988	23.2	76.8	30.0	47.6	22.4	41.9	55.0	3.1	94.6	5.4	3.8	60.4	2.9	26.3	9.6	16.9
Domestic	30	163	14.4	85.6	23.8	42.0	34.3	61.3	37.6	1.1	92.8	7.2	6.6	72.9	.6	4.2	14.4	12.7
Other Service	31-38	825	25.2	74.8	31.4	48.8	19.8	37.6	58.9	3.5	95.0	5.0	3.2	57.6	3.4	22.8	8.5	17.8
Food Preparation & Service	31	376	14.6	85.4	38.0	43.6	18.4	37.5	59.3	3.2	94.9	5.1	3.7	62.0	2.4	26.3	5.9	12.8
Lodging & kindred	32	61	3.3	96.7	23.0	54.0	23.0	49.2	50.8	0	98.4	1.6	1.6	59.0	0	29.5	13.1	19.7
Barbering & kindred	33	16	6.3	93.7	18.8	62.4	18.8	25.0	68.7	6.3	93.7	6.3	0	75.0	0	25.0	6.3	0
Amusement & kindred	34	16	75.0	25.0	93.7	6.3	0	37.5	50.0	12.5	87.5	12.5	0	87.5	0	12.5	0	12.5
Mis. Personal Ser.	35	161	8.2	91.8	25.2	64.1	10.7	15.1	79.9	5.0	94.3	5.7	5.0	49.7	1.9	22.0	8.2	10.7
Apparel & Furnish.	36	58	26.3	73.7	12.3	49.1	38.6	57.8	40.4	1.8	98.2	1.8	1.8	47.4	0	22.8	8.8	10.5
Protective Service	37	49	91.3	8.7	17.4	58.7	23.9	32.6	60.9	6.5	100.0	0	0	43.5	19.6	2.2	19.6	30.4
Building & kindred	38	88	75.0	25.0	30.7	39.8	29.5	62.5	35.2	2.3	90.9	9.1	2.3	58.0	8.0	17.0	13.6	19.3
FARMING, FISHERY, FORESTRY	4	295	90.5	9.5	34.6	47.8	17.6	56.2	42.4	1.4	98.0	2.0	0	51.9	4.7	10.8	4.7	42.5
Plant Farming	40	170	86.2	13.8	39.5	47.9	12.6	47.9	50.9	1.2	97.6	2.4	0	48.5	3.6	7.2	6.6	23.1
Animal Farming	41	10	80.0	20.0	30.0	50.0	20.0	50.0	40.0	10.0	100.0	0	0	30.0	0	10.0	0	20.0
Misc. Farming	42	88	97.7	2.3	36.4	38.6	25.0	73.9	25.0	1.1	98.9	1.1	0	62.5	8.0	18.2	2.3	46.6
Fishery & kindred	44	0																
Forestry	45	27	96.3	3.7	3.7	70.4	25.9	59.3	40.7	0	96.3	3.7	0	40.7	3.7	7.4	3.7	68.1
Agricultural Service	46	0																
PROCESSING	5	151	59.4	40.6	20.6	62.5	16.9	38.8	55.6	5.6	100.0	0	0	32.5	6.9	8.8	5.0	10.6
Metal	50	10	73.7	26.3	10.5	79.0	10.5	26.3	63.2	10.5	100.0	0	0	5.3	10.5	0	5.3	10.5
Refining & Foundry	51	17	100.0	0	23.5	58.9	17.6	17.6	70.6	11.8	100.0	0	0	11.8	23.5	0	5.9	5.9
Food & kindred	52	52	50.9	49.1	34.0	50.9	15.1	60.4	39.6	0	100.0	0	0	67.9	3.8	26.4	5.7	15.1
Paper & kindred	53	0																
Petroleum & kindred	54	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Chemicals, Plastics & kindred	55	28	67.9	32.1	10.7	67.9	21.4	39.3	50.0	10.7	100.0	0	0	21.4	7.1	0	3.6	17.9
Wood & Wood Products	56	2	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	7	85.7	14.3	28.6	71.4	0	42.9	42.8	14.3	100.0	0	0	0	0	0	0	0
Leather, Textiles & kindred	58	28	21.4	78.6	10.7	64.3	25.0	21.4	78.6	0	96.4	3.6	3.6	25.0	0	3.6	7.1	3.6
Processing, N.E.C.	59	6	83.3	16.7	0	83.3	16.7	33.3	66.7	0	100.0	0	0	16.7	0	0	0	0
MACHINE TRADES	6	756	82.2	17.8	18.8	66.9	14.3	33.0	63.0	4.0	98.7	1.3	0	34.1	7.1	4.8	3.9	34.1
Metal Machining	60	239	80.3	19.7	23.8	63.6	12.6	28.9	61.1	10.0	97.9	2.1	.4	36.8	5.4	8.4	3.3	15.5
Metalworking, N.E.C.	61	74	70.3	29.7	10.8	70.3	18.9	27.0	70.3	2.7	98.6	1.4	0	21.6	5.4	2.7	4.1	10.8
Machine Repairmen	62-63	178	100.0	0	18.3	72.1	9.6	19.8	77.2	3.0	98.5	1.5	0	27.4	19.3	3.0	6.1	16.8
Paperworking	64	13	15.4	84.6	30.8	53.8	15.4	23.1	76.9	0	100.0	0	0	15.4	0	0	0	7.7
Printing	65	10	80.0	20.0	40.0	60.0	0	10.0	90.0	0	100.0	0	0	0	0	0	0	0
Wood Machining	66	128	99.2	.8	19.5	67.2	13.3	52.3	47.7	0	98.4	1.6	0	39.1	3.1	.8	3.9	3.2
Machining Stone, Glass & kindred	67	3	100.0	0	0	50.0	50.0	50.0	50.0	0	100.0	0	0	100.0	0	0	0	0
Textile	68	40	45.0	55.0	15.0	62.5	22.5	30.0	70.0	0	97.5	2.5	0	35.0	0	12.5	7.5	5.0
Machine Trades, N.E.C.	69	71	56.3	43.7	23.9	63.4	12.7	25.4	71.8	2.8	97.2	2.8	1.4	27.5	0	8.7	0	13.0

TABLE IX

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	1,443	25.8	74.2	27.3	61.1	11.6	26.3	70.1	3.6	97.2	2.8	3.6	34.2	1.8	11.5	3.4	7.2
Metal Products, N.E.C.	70	172	35.6	64.4	22.2	63.9	13.9	24.4	72.8	2.8	98.9	1.1	.6	21.7	3.3	6.1	3.3	7.2
Scientific & Medical Good & kindred	71	28	25.0	75.0	7.1	67.9	25.0	10.7	75.0	14.3	92.9	7.1	7.1	10.7	0	3.6	0	3.6
Electrical Equipment	72	497	26.8	73.2	35.4	59.2	5.4	13.1	80.9	6.0	95.8	4.2	3.0	29.8	1.4	6.8	2.4	5.6
Products from Assorted Materials	73	65	43.1	56.9	27.7	56.9	15.4	18.5	80.0	1.5	96.9	3.1	1.5	33.8	4.6	10.8	3.1	7.7
Painting & kindred	74	20	95.0	5.0	15.0	85.0	0	40.0	55.0	5.0	100.0	0	0	40.0	0	10.0	15.0	35.0
Plastics, Rubber & kindred	75	14	64.3	35.7	0	78.6	21.4	14.3	78.6	7.1	100.0	0	0	35.7	7.1	14.3	7.1	7.1
Wood Products	76	35	80.0	20.0	22.9	48.5	28.6	57.1	42.9	0	100.0	0	0	45.9	2.9	2.9	5.7	14.3
Sand, Stone & kindred Products	77	5	100.0	0	20.0	60.0	20.0	20.0	80.0	0	100.0	0	0	20.0	0	0	0	40.0
Textile, Leather & kindred Products	78	601	14.3	85.7	24.5	60.9	14.6	39.1	59.4	1.5	97.7	2.3	2.3	46.4	1.5	19.5	4.2	8.5
Benchwork, N.E.C.	79	6	16.7	83.3	0	83.3	16.7	16.7	66.6	16.7	100.0	0	0	33.3	0	0	0	16.7
STRUCTURAL WORK	8	1,263	93.6	6.4	22.1	64.6	13.3	31.4	64.1	4.5	97.6	2.4	.2	29.7	11.0	2.6	4.5	22.0
Metal Fabricating, N.E.C.	80	86	89.5	10.5	19.7	69.8	10.5	30.3	65.8	3.9	98.0	2.0	0	27.6	9.9	1.3	5.3	20.4
Welders & kindred	81	72	86.1	13.9	13.9	73.6	12.5	27.8	69.4	2.8	98.6	1.4	0	25.0	20.8	4.2	5.6	19.4
Electrical	82	149	70.5	29.5	27.5	65.1	7.4	12.1	81.9	6.0	96.6	3.4	.7	14.8	10.1	1.3	6.0	7.4
Painting, Plastering & kindred	84	41	97.6	2.4	19.0	73.9	7.1	21.4	71.5	7.1	100.0	0	0	23.8	19.0	0	0	26.2
Excavating & kindred	85	107	100.0	0	9.3	69.2	21.5	39.3	55.1	5.6	100.0	0	0	32.7	15.7	2.8	9.3	21.5
Construction	86	750	98.9	1.1	23.7	63.5	12.8	33.3	62.4	4.3	97.5	2.5	0	35.9	8.9	2.0	3.3	40.4
Structural, N.E.C.	89	58	96.4	3.6	31.5	52.3	16.2	39.6	55.9	4.5	97.3	2.7	0	36.0	8.1	16.2	5.4	25.2
MISCELLANEOUS	9	727	43.1	56.9	27.7	56.9	15.4	18.5	80.0	1.5	96.9	3.1	1.5	33.8	4.6	10.8	3.1	7.7
Motor Freight, Transportation	90-91	355	96.3	3.7	12.1	71.0	16.9	33.2	63.1	3.7	98.3	1.7	0	34.4	15.8	2.3	6.2	24.5
Packaging & Material Handling	92	264	81.1	18.9	33.0	55.6	11.4	38.6	58.4	3.0	97.7	2.3	0	37.5	4.9	8.0	3.0	19.3
Other Misc.	93-97	108	96.3	3.7	11.1	76.9	12.0	27.8	65.7	6.5	100.0	0	0	17.6	11.1	2.8	4.6	15.7
Extraction of Minerals	93	92	96.7	3.3	8.7	78.3	13.0	29.4	65.2	5.4	100.0	0	0	13.0	9.8	3.3	3.3	12.0
Production & Distribution of Utilities	95	8	100.0	0	25.0	75.0	0	25.0	62.5	12.5	100.0	0	0	37.5	25.0	0	25.0	25.0
Amusement & kindred, N.E.C.	96	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	100.0
Graphic Art Work	97	7	83.3	16.7	16.7	66.6	16.7	16.7	66.6	16.7	100.0	0	0	50.0	33.3	0	16.7	50.0
PARTIALS & INVALID CODES	99	934	62.1	37.9	45.4	37.7	16.9	42.2	50.1	7.7	96.4	3.6	1.6	32.3	.9	8.0	4.0	27.0

*W-White, NW-Nonwhite, NWF-Nonwhite Female

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

It is estimated that there will be approximately 43,000 persons in the Upper Cumberland area in need of some type of manpower service in Fiscal Year 1982. Approximately 17.0 percent of this number will be disadvantaged. A large majority of the disadvantaged will have no skill or will have experience only in low paying undesirable jobs and their educational level will be below average. It is often difficult to place this group in jobs, especially in recessionary times when employers have a large number of applicants to choose from.

Another group not mentioned very often due to the lack of available data is the discouraged worker group. Planners should give consideration to this group because they are, in most instances, a potential asset to the labor force. From available information approximatley 85.0 percent of those needing manpower services are under age 45 and the majority have between nine and twelve years education. Males make up 55 percent of the total.

The number of veterans needing manpower services is expected to be over 6,500 in Fiscal Year 1982, of whom four to five hundred will be Vietnam era veterans.

TABLE X

UNIVERSE OF NEED FOR MANPOWER SERVICES

UPPER CUMBERLAND

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	43,010
a. Poor	7,320
(1) Disadvantaged	7,140
(2) Other Poor	180
b. Nonpoor	35,690
(1) Near Poverty	10,740
(2) All other Nonpoor	24,950
2. Unemployed and Underutilized Disadvantaged Total	7,140
a. Unemployed	1,520
b. Underutilized	5,620
(1) Employed part-time for economic reasons	740
(2) Employed full-time but with family income at or below poverty level	4,260
(3) Not in labor force but should be	620
3. Total Number of Different Individuals Unemployed in year	30,420
4. Vietnam Veterans-unemployed	420
5. Total veterans (needing manpower services)	6,680
6. School Dropouts during '79 school year	470
7. Welfare recipients (families)	1,740
8. Female Heads of Households	6,320
a. Disadvantaged - Female heads of Households	2,800

VI. ECONOMICALLY DISADVANTAGED

A. Characteristics

Because of different definitions, methodologies and sources of information, there are discrepancies among estimates of the number who are economically disadvantaged.

The number of persons expected to be economically disadvantaged is over 70,000 in 1982 or 30.0 percent of the total population. Approximately 3.0 percent of 2,800 of this number are disadvantaged female heads of households.

Disadvantaged minority comprise less than 2.0 percent of the total number of disadvantaged. The bulk of disadvantaged minority members live in Putnam, Smith and Warren Counties. The other counties have so few minorities, the number could not be released.

B. Barriers to Employment

There are numerous barriers to employment for the aforementioned groups, but planners and officials should assert a special effort to eliminate or reduce the following:

1. Lack of dependable transportation.
2. Inadequate child care facilities.
3. Lack of education.
4. Lack of marketable skills.
5. Reluctance to relocate.
6. Lack of initiative (unskilled persons may have more take-home pay from transfer payments than working at minimum wage.)
7. Incumbent insecurity.

Commuting great distances to work is prevalent in this area and is expected to be a hinderance as gasoline and automobiles become more expensive.

Although there are many more barriers to employment for the groups mentioned, the above are considered to be the most troublesome.

TABLE XI

ECONOMICALLY DISADVANTAGED

Area	1982 Population Projections	Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged	1982 Minority as Percent of Disadvantaged
Cannon	10,405	28.6	2,976	*	*
Clay	6,390	43.8	2,799	*	*
Cumberland	29,695	31.9	9,473	*	*
DeKalb	13,690	23.1	3,162	*	*
Fentress	15,905	46.2	7,348	*	*
Jackson	8,304	40.9	3,396	*	*
Macon	14,603	29.3	4,279	*	*
Overton	16,362	38.2	6,250	*	*
Pickett	4,661	36.1	1,683	*	*
Putnam	46,313	25.7	11,902	274	2.3
Smith	14,305	23.2	3,319	196	5.9
Van Buren	4,912	21.4	1,051	*	*
Warren	33,138	23.8	7,887	694	8.8
White	19,454	26.4	5,136	*	*
Total	233,137	29.7	70,661	1,164	1.6

*This information is not available from the Census Bureau due to insufficient sample size (less than 400 minority population in the county.)

Source: 1970 Census

TABLE XII

FEMALE HEADS OF HOUSEHOLDS AND ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

Area	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Cannon	10,405	271	2.6	104	1.0	38.4
Clay	6,390	204	3.2	128	2.0	62.7
Cumberland	29,695	772	2.6	327	1.1	42.4
DeKalb	13,690	315	2.3	137	1.0	43.5
Fentress	15,905	557	3.5	286	1.8	51.3
Jackson	8,304	224	2.7	91	1.1	40.6
Macon	14,603	321	2.2	175	1.2	54.5
Overton	16,362	458	2.8	245	1.5	53.5
Pickett	4,661	135	2.9	37	.8	27.4
Putnam	46,313	1,158	2.5	463	1.0	40.0
Smith	14,305	315	2.2	86	.6	27.3
Van Buren	4,912	113	2.3	34	.7	30.1
Warren	33,138	928	2.8	431	1.3	46.4
White	19,454	545	2.8	253	1.3	46.4
Total	238,137	6,316	2.7	2,797	1.2	44.3

VII. APPENDIX

A. REFERENCES

Comprehensive Manpower Plan, Fiscal Year 1973, Part A, page 4. The Upper Cumberland Area Manpower Planning Board.

U. S. Census of Population: 1970. U. S. Department of Commerce, Social and Economic Administration, Bureau of Census.

U. S. Census of Population: 1980. U. S. Department of Commerce, Social and Economic Administration, Bureau of Census.*

Population and Labor Force Projections. Provided by Lawrence Berkeley University.

Tennessee Department of Human Services: State Center for Health Statistics, October 1979.

Survey of High School Graduates, Tennessee Department of Employment Security.

*Note: 1980 data is preliminary and subject to revision.

B. AREA EMPLOYMENT & TRAINING OFFICES AND EMPLOYABILITY DEVELOPMENT CENTERS

Cookeville (Putnam County)
263 W. Spring Street, P.O. Box 190 38501

Clay County, EDC, Community Center
P.O. Box 428, Celina 38551

Cumberland County, EDC
638 Knoxville Road, Crossville 38555

Fentress County, EDC, Community Center
Route 4, Jamestown 38556

Jackson County, EDC, Courthouse
P.O. Box 133, Gainesboro 38562

Macon County, EDC,
P.O. Box 257, Lafayette 37083

Overton County, EDC,
122 S. Spring Street, Livingston 38570

Pickett County, EDC,
P.O. Box 417, Byrdstown 38549

Smith County, EDC,
P.O. Box 342, 318 N. Main Street, Carthage 37030

White County, EDC,
Courthouse Annex, Public Square, Sparta 38583

McMinnville (Warren County)
107 Lyon Street, P.O. Box 472 37110

Cannon County, EDC, Community Center
Woodbury 37190

DeKalb County, EDC,
P.O. Box 346, City Hall, Smithville 37166

C. AREA UNEMPLOYMENT INSURANCE CLAIMS OFFICES

Cookeville (Putnam County)
263 W. Spring Street, P.O. Box 509 38501
(Serves Clay, Fentress, Jackson, Overton
and Pickett counties)

Murfreesboro (Cannon County)
218 E. Vine Street, P.O. Box 1135 37130

Lebanon (Smith County)
406 E. Main Street, P.O. Box 100 37087

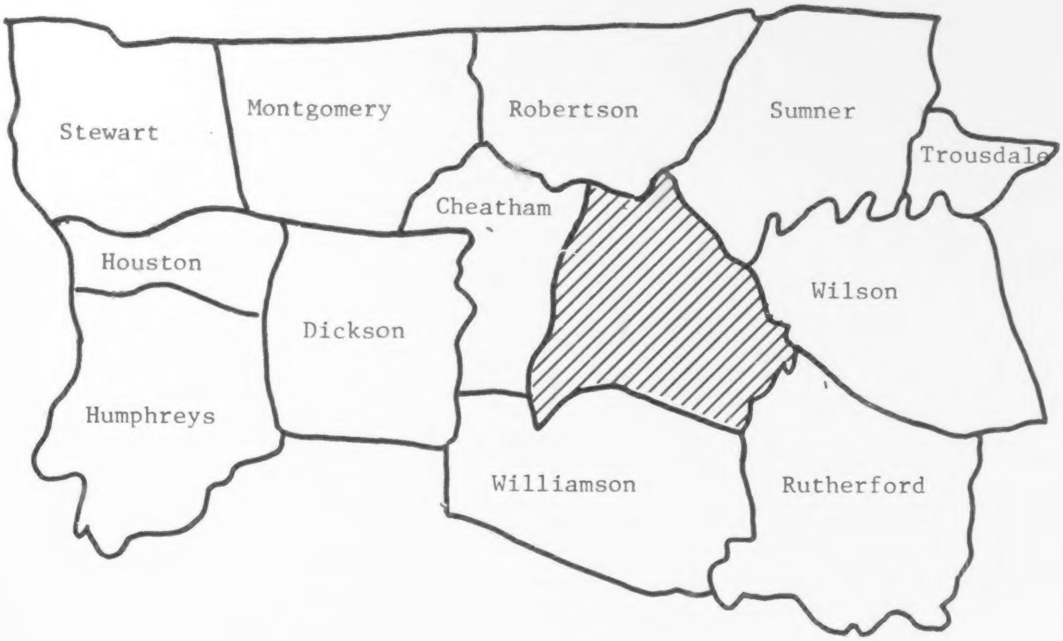
Sparta (White County)
152 N. Main Street, P.O. Box 68 38583
(Serves DeKalb and Van Buren counties)

McMinnville (Warren County)
107 Lyon Street, P.O. Box 472 37110

Crossville (Cumberland County)
P.O. Box 887 38555

Gallatin (Macon County)
137 Broadway, W. 37066

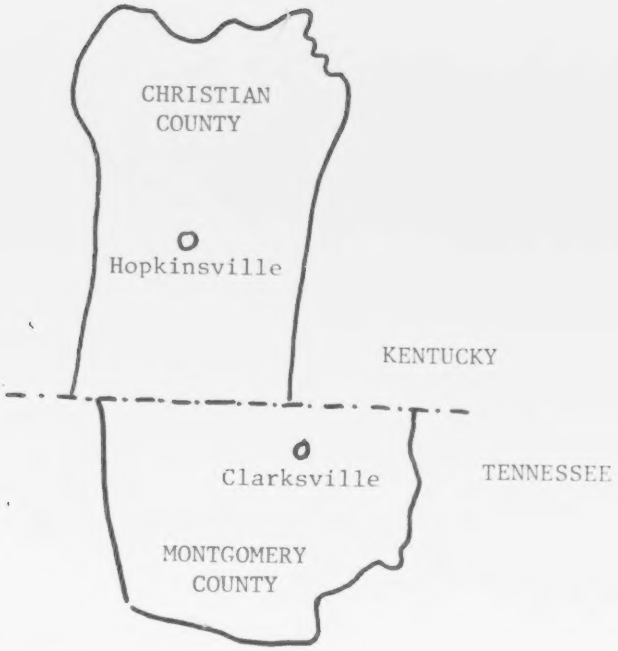
MIDCUMBERLAND DEVELOPMENT DISTRICT


Stewart
Montgomery
Robertson
Sumner
Trousdale
Cheatham
Houston
Dickson
Wilson
Humphreys
Williamson
Rutherford

PREPARED BY:

Vic Daniel
Manpower Specialist
Clarksville
(615) 647-1720

CLARKSVILLE-HOPKINSVILLE SMSA


CHRISTIAN
COUNTY
Hopkinsville
KENTUCKY
Clarksville
TENNESSEE
MONTGOMERY
COUNTY

One Inch - 16.2 miles

MID-CUMBERLAND DEVELOPMENT DISTRICT

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I. 1982 POPULATION AND LABOR FORCE PROJECTIONS BY RACE/SEX MID-CUMBERLAND DEVELOPMENT DISTRICT VI-6

I. HIGHLIGHTS AND CONCLUSIONS

The Mid-Cumberland Development District and the Clarksville-Hopkinsville Tennessee-Kentucky Standard Metropolitan Statistical Area (SMSA) are in need of manpower services in the form of additional vocational and technical training programs.

In the Clarksville-Hopkinsville SMSA, several hundred million dollars in new construction is underway. Construction on two multi-million dollar manufacturing plants completed in 1979, are currently under going additional expansion. Several new manufacturing plants that announced plans to build in the Clarksville-Hopkinsville area have either begun or completed construction during the last several months. Officials at Fort Campbell have predicted that the $100 million construction projects new under way, will be completed during the Fall of 1981. Trousdale County is continuing construction of the multi-million dollar Hartsville Nuclear Plant. Construction is estimated to be completed in 1986. Because of a relatively small labor force and a lack of lower-income housing, HUD has started construction of a lower-rent housing project in Williamson County. An existing durable goods manufacturer has earmarked $240 million for a five year expansion project of its plant in Humphrey's County. A much publicized auto manufacturer broke ground early this year for construction of its $300 million plant in Rutherford County.

Training projects are planned to provide local residents with the skills needed to operate these facilities once construction is completed. Classes in the following areas are currently in progress in the various counties: training and technical; machinist; drafting; welding; physical testing, building and trades, carpentry and electrical; and clerical occupations The trades and skills required by these facilities will command wages between $5.05 and $7.35 per hour. These wages are higher than the current average for this area, and should greatly enhance the quality of living for many area residents.

The economic outlook for the Clarksville-Hopkinsville metropolitan area and the Mid-Cumberland Planning District is favorable for fiscal year 1982. The area may be more fortunate than some in the state as economic growth and stability is expected to prevail.

II. DESCRIPTION OF THE AREA

A. Mid-Cumberland Development District

The Mid-Cumberland District is located in the northwest portion of Middle Tennessee. It is bordered by South Central Kentucky on the north and the Tennessee River on the west. Perry, Hickman, Maury, Marshall, and Bedford Counties comprise the southern border. Macon, Smith, DeKalb and Cannon Counties comprise the eastern border.

The district includes the following counties and their respective principal cities: Cheatham County - Ashland City, Dickson County - Dickson, Houston County - Erin, Humphreys County - Waverly, Montgomery County - Clarksville, Robertson County - Springfield, Rutherford County - Murfreesboro, Stewart County - Dover, Sumner County - Gallatin, Trousdale County - Hartsville, Williamson County - Franklin, and Wilson County - Lebanon.

The Mid-Cumberland District is predominantly rural, but differs in terrain from east to west. The eastern portion boasts purple-tinted hills and mountains, covered with tall evergreens of many varieties. In contrast, the fertile, rolling plains in the west yield fields abundant with tobacco, wheat and soybeans.

B. Clarksville-Hopkinsville Standard Metropolitan Statistical Area

The Clarksville-Hopkinsville Standard Metropolitan Statistical Area is located among gentle rolling hills and open fields of tobacco, wheat and soybeans in northern Middle Tennessee and south central Kentucky. It includes Montgomery County, Tennessee and Christian County, Kentucky. The principal city and distribution center in Montgomery County is Clarksville - in Christian County it is Hopkinsville. The area's total population was 118,945 in 1970.

Although this area was once considered an agricultural, rural area, home of the largest dark-fired tobacco center in the world, the Clarksville SMSA now flourishes with many businesses and industries. In recent years adequate labor, TVA power, navigable waterways, rail and air connections, priximity to markets and above average living conditions have brought some 45 new industries to the area. Employment created by this new growth represents an additional annual payroll in excess of $30,000,000. Economically, the Clarksville Metropolitan Statistical Area is still experiencing the benefits of a "boom" which continues to gradually lessen unemployment and increase job security.

III. DISTRICT DEMOGRAPHIC DATA

Total population in the Mid-Cumberland District is expected to increase 46.3 percent over 1970 figures to a total of 483,959 by 1982. Males will experience a higher population growth rate than females during this period. An additional 78,257 males (49.5 percent) will bring their total population to 236,303. The largest numerical increase will occur among white males between 20 and 24 years old; their total will reach 25,839 after a 214.3 percent increase between 1970 and 1982. Other males between 30 and 34 years old will experience a 900.0 percent increase, raising their total from one in 1970 to nine in 1982.

The group of 20-24 year old white males is the largest in the Mid-Cumberland District. This category is expected to grow 214.3 percent over the 1970 level by 1982.

The age group expected to have the largest decrease is other females aged 65-69, down 100.0 percent (14 persons), between 1970 and 1982.

GRAPH I

Mid Cumberland

1982 Population and Labor Force Projections by Race/Sex

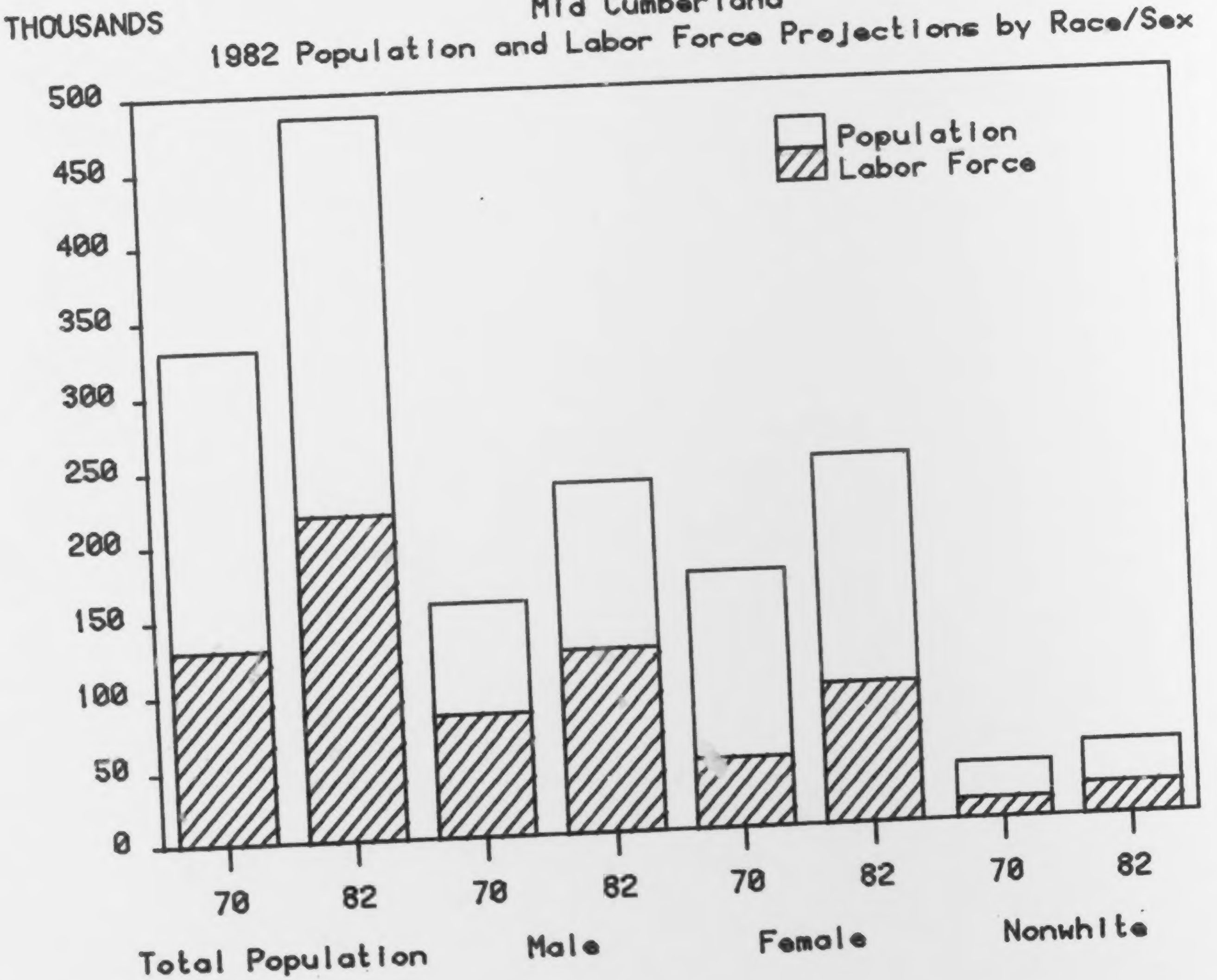

TABLE I

MID CUMBERLAND

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	37,949	32,520	5,389	39	19,069	18,880
5-9	35,846	31,324	4,475	48	17,421	18,425
10-14	38,759	34,557	4,169	33	18,528	20,230
15-19	51,221	44,562	6,635	25	28,151	23,070
20-24	49,090	43,344	5,705	41	28,674	20,416
25-29	43,036	38,557	4,440	39	22,628	20,408
30-34	39,394	36,110	3,251	33	18,524	20,869
35-39	30,112	27,709	2,364	40	13,333	16,779
40-44	26.093	24,125	1,941	27	11,311	14,782
45-49	24,106	22,074	2,015	17	10,894	13,211
50-54	22,526	20,719	1,754	53	10,210	12,316
55-59	21,256	19,422	1,820	14	9,856	11,400
60-64	18,505	16,969	1,524	12	8,144	10,361
65-69	16,406	14,760	1,646	0	7,333	9,073
70-74	12,994	11,622	1,370	2	5,805	7,189
75+	16,666	15,030	1,622	13	6,420	10,245
SPECIAL BREAKOUTS						
14-15	17,996	15,824	2,161	12	9,336	17,996
16-19	40,977	35.649	5,308	20	22,521	40,977
19 and Under	163,775	142,962	20,668	145	83,169	163,775
20-21	19,636	17,338	2,282	17	11,470	19,636
22-44	168,089	152,507	15,419	163	83,001	168,089
45-54	46,631	42,792	3,769	69	21,104	46,631
55 and Over	85,826	77,804	7,982	41	37,558	85,826
TOTAL	483,958	433,403	50,120	435	236,302	483,958

TABLE IA

MID-CUMBERLAND DEVELOPMENT DISTRICT

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	28,790	28,481	37,949	9,159	31.8
5-9	34,653	34,437	35,846	1,193	3.4
10-14	35,250	40,711	38,759	3,509	10.0
15-19	30,531	42,911	51,221	20,690	67.8
20-24	23,302	35,175	49,090	25,788	110.7
25-29	20,673	24,700	43,036	22,363	108.2
30-34	19,759	23,333	39,394	19,635	99.4
35-39	19,577	23,099	30,112	10,535	53.8
40-44	19,219	23,581	26,093	6,874	35.8
45-49	19,077	22,351	24,106	5,029	26.4
50-54	17,262	21,976	22,526	5,264	30.5
55-59	15,859	19,470	21,256	5,397	34.0
60-64	14,063	17,459	18,505	4,442	31.6
65-69	11,169	14,874	16,406	5,237	46.9
70-74	8,855	11,175	12,994	4,139	46.7
75+	12,808	15,975	16,666	3,858	30.1
TOTAL	330,847	399,708	483,959	153,112	46.3

Special Breakouts for 1982

14-15	17,996
16-19	40,977
19 and Under	163,775
20-21	19,636
22-44	168,089
45-54	46,631
55 and Over	85,826

TABLE IB

MID-CUMBERLAND DEVELOPMENT DISTRICT

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	12,785	12,508	16,357	3,572	27.9
5-9	15,263	15,520	15,193	-70	-0.5
10-14	15,925	18,360	16,563	638	4.0
15-19	12,249	20,232	24,879	12,630	103.1
20-24	8,222	16,682	25,839	17,617	214.3
25-29	8,262	9,653	20,187	11,925	144.3
30-34	8,189	8,995	16,807	8,618	105.2
35-39	8,553	9,624	12,269	3,716	43.4
40-44	8,466	10,386	10,492	2,026	23.9
45-49	8,548	9,964	10,096	1,548	18.1
50-54	7,421	9,841	9,488	2,067	27.9
55-59	6,845	8,302	9,058	2,213	32.3
60-64	6,165	7,466	7,464	1,299	21.1
65-69	4,683	6,437	6,570	1,887	40.3
70-74	3,425	4,548	5,216	1,791	52.3
75+	4,673	5,511	5,720	1,047	22.4
TOTAL	139,674	174,029	212,198	72,524	51.9

Special Breakouts for 1982

14-15	8,288
16-19	19,903
19 and Under	72,992
20-21	10,336
22-44	75,258
45-54	19,584
55 and Over	34,027

TABLE IC

MID-CUMBERLAND DEVELOPMENT DISTRICT

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	12,244	11,905	16,164	3,920	32.0
5-9	14,617	14,877	16,131	1,514	10.4
10-14	14,562	17,486	17,993	3,431	23.6
15-19	13,859	17,583	19,683	5,824	42.0
20-24	12,434	14,444	17,505	5,071	40.8
25-29	10,301	12,865	18,370	8,069	78.3
30-34	9,737	12,458	19,303	9,566	98.2
35-39	9,077	11,723	15,440	6,363	70.1
40-44	8,953	11,163	13,633	4,680	52.3
45-49	8,607	10,507	11,978	3,371	39.2
50-54	8,128	10,177	11,231	3,103	38.2
55-59	7,274	9,408	10,364	3,090	42.5
60-64	6,302	8,285	9,505	3,203	50.8
65-69	5,285	6,913	8,190	2,905	55.0
70-74	4,412	5,523	6,406	1,994	45.2
75+	6,474	8,571	9,310	2,836	43.8
TOTAL	152,266	183,888	221,206	68,940	45.3

Special Breakouts for 1982

14-15	7,535
16-19	15,746
19 and Under	69,970
20-21	7,002
22-44	77,249
45-54	23,209
55 and Over	43,776

TABLE ID

MID-CUMBERLAND DEVELOPMENT DISTRICT

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,805	2,035	2,692	887	49.1
5-9	2,405	1,940	2,205	-200	-8.3
10-14	2,350	2,456	1,956	-394	-16.8
15-19	2,229	2,595	3,259	1,030	46.2
20-24	1,208	2,099	2,812	1,604	132.8
25-29	918	983	2,421	1,503	163.7
30-34	802	746	1,708	906	100.4
35-39	807	725	1,048	241	29.9
40-44	741	821	817	76	10.3
45-49	889	765	797	-92	-10.3
50-54	816	883	702	-114	-14.0
55-59	809	830	796	-13	-1.6
60-64	758	789	678	-80	-10.6
65-69	579	697	763	184	31.8
70-74	393	511	587	194	49.4
75+	754	732	698	-56	-7.4
TOTAL	18,263	19,607	23,939	5,676	31.1

Special Breakouts for 1982

14-15	1,043
16-19	2,607
19 and Under	10,112
20-21	1,125
22-44	7,682
45-54	1,498
55 and Over	3,522

TABLE IE

MID-CUMBERLAND DEVELOPMENT DISTRICT

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,927	1,988	2,697	770	40.0
5-9	2,350	2,068	2,270	-80	-3.4
10-14	2,393	2,391	2,213	-180	-7.5
15-19	2,163	2,480	3,376	1,213	56.1
20-24	1,400	1,902	2,893	1,493	106.6
25-29	1,157	1,176	2,019	862	74.5
30-34	1,007	1,103	1,543	546	53.2
35-39	1,124	1,003	1,316	192	17.1
40-44	1,007	1,194	1,124	117	11.6
45-49	1,019	1,060	1,219	200	19.6
50-54	884	1,061	1,053	169	19.1
55-59	931	917	1,024	93	10.0
60-64	836	919	846	10	1.2
65-69	608	825	883	275	45.2
70-74	615	580	783	168	27.3
75+	907	1,153	924	17	1.9
TOTAL	20,328	21,820	26,183	5,855	28.8

Special Breakouts for 1982

14-15	1,118
16-19	2,701
19 and Under	10,556
20-21	1,157
22-44	7,737
45-54	2,271
55 and Over	4,460

TABLE IF

MID-CUMBERLAND DEVELOPMENT DISTRICT

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	8	23	20	12	150.0
5-9	10	9	24	14	140.0
10-14	13	10	9	-4	-30.8
15-19	15	14	14	-1	-6.7
20-24	11	25	23	12	109.1
25-29	15	3	20	5	33.3
30-34	1	12	10	9	900.0
35-39	2	1	17	15	750.0
40-44	21	2	1	-20	-95.2
45-49	2	22	2	0	0.0
50-54	3	2	20	17	566.7
55-59	0	3	2	2	0.0
60-64	2	0	2	0	0.0
65-69	0	2	0	0	0.0
70-74	6	0	2	-4	-66.7
75+	0	5	2	0	0.0
TOTAL	109	133	166	57	52.3

Special Breakouts for 1982

14-15	4
16-19	11
19 and Under	65
20-21	9
22-44	62
45-54	22
55 and Over	8

TABLE IG

MID-CUMBERLAND DEVELOPMENT DISTRICT

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	21	22	20	-1	-4.8
5-9	8	23	24	16	200.0
10-14	7	8	24	17	242.9
15-19	16	7	11	-5	-31.3
20-24	27	23	19	-8	-29.6
25-29	20	20	19	-1	5.0
30-34	23	19	23	0	0.0
35-39	14	23	23	9	64.3
40-44	31	15	26	-5	-16.1
45-49	12	33	15	3	25.0
50-54	10	12	32	22	220.0
55-59	0	10	12	12	0.0
60-64	0	0	10	10	0.0
65-69	14	0	0	-14	-100.0
70-74	4	13	0	-4	-100.0
75+	0	3	11	11	0.0
TOTAL	207	231	269	62	30.0

Special Breakouts for 1982

14-15	7
16-19	9
19 and Under	80
20-21	8
22-44	101
45-54	48
55 and Over	33

IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor Force

Projections for the Mid-Cumberland District indicate healthy growth in the civilian labor force with a 67.0 percent increase between 1970 and 1982. This will mean a net increase of 87,696 workers. The age group 16 to 17 years old will show the greatest percentage increase in workers (167.6 percent), with an additional 5,317 workers. The 25 to 34 year-olds will show the greatest increase in actual workers--37,023 additional workers will cause an increase of 129.8 percent.

B. Employment and Unemployment

Employment will show a 63.3 percent increase from 1970 to 1982, adding 79,956 workers to its total count.

Increases in the civilian labor force have brought increases in unemployment as well. In 1970, 4,502 persons, or 3.4 percent of the civilian labor force were unemployed. This figure will almost double by 1982 when the unemployment rate is projected at 5.9 percent. Expected unemployment by 1982 is estimated at 12,242 workers.

TABLE II

MID-CUMBERLAND

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	8,489	7,471	1,017	5,178	3,311
18-19	12,883	11,162	1,721	8,091	4,792
20-24	35,698	31,662	4,036	22,625	13,073
25-34	65,550	59,299	6,251	35,674	29,876
35-44	41,961	38,500	3,461	20,891	21,069
45-64	47,833	42,914	4,918	27,148	20,685
65+	6,192	5,162	1.030	4,253	1,939
SPECIAL BREAKOUTS					
16-19	21,372	18,634	2,738	13,269	8,103
20-21	14,279	12,665	1,614	9,050	5,229
22-44	128,930	116,796	12,133	70,141	58,789
45-54	23,916	21,457	2,460	13,574	10,343
55 and Over	30,108	26,619	3,489	17,827	12,281
TOTAL	218,605	196,171	22,435	123,860	94,745

TABLE IIA

MID-CUMBERLAND DEVELOPMENT DISTRICT

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	130,909	218,605	67.0	126,407	206,363	63.3	4,502	12,242	239.3	3.4	5.6
16-17	3,172	8,489	167.6								
18-19	6,971	12,883	84.8								
20-24	16,955	35,698	110.5	Information not available for age breakouts							
25-34	28,527	65,550	129.8								
35-44	27,709	41,961	51.4								
45-64	41,877	47,833	14.2								
65 and over	5,698	6,192	8.7								
Special Breakouts for 1982											
16-19		21,372									
20-21		14,279									
22-44		128,930-									
45-54		23,916									
55 and over		30,108									

TABLE IIB

MID-CUMBERLAND DEVELOPMENT DISTRICT

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	74,865	112,284	50.2	72,997	108,195	48.2	1,868	4,089	118.9	2.5	3.6
16-17	1,900	4,563	140.2								
18-19	3,937	7,137	81.3								
20-24	8,818	20,596	133.6	Information not available for age breakouts							
25-34	16,511	32,164	94.8								
35-44	16,031	19,367	20.8								
45-64	24,169	24,867	2.9								
65 and over	3,499	3,590	2.6								

Special Breakouts for 1982

16-19	11,699
20-21	8,238
22-44	63,888
45-54	12,434
55 and over	16,024

TABLE IIC

MID-CUMBERLAND DEVELOPMENT DISTRICT

WHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	41,660	83,889	101.4	39,862	78,434	96.8	1,798	5,455	203.4	4.3	6.5
16-17	933	2,909	211.8								
18-19	2,212	4,026	82.0								
20-24	6,408	11,066	72.7	Information not available for age breakouts							
25-34	9,103	27,136	198.1								
35-44	8,922	19,133	114.4								
45-64	12,763	18,047	41.4								
65 and over	1,319	1,572	19.2								

Special Breakout for 1982

16-19	6,934
20-21	4,426
22-44	52,909
45-54	9,024
55 and over	10,596

TABLE IID

MID-CUMBERLAND DEVELOPMENT DISTRICT

NONWHITE MALE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	7,843	11,579	47.6	7,443	10,397	39.7	370	1,182	202.7	4.7	9.7
16-17	249	615	147.0								
18-19	540	955	76.9								
20-24	959	2,029	111.6	Information not available for age breakouts							
25-34	1,558	3,511	125.4								
35-44	1,338	1,525	14.0								
45-64	2,685	2,281	-15.0								
65 and over	514	663	29.0								
Special Breakout for 1982											
16-19		1,570									
20-21		811									
22-44		6,253									
45-54		1,145									
55 and over		1,799									

TABLE IIE

MID-CUMBERLAND DEVELOPMENT DISTRICT

NONWHITE FEMALE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	6,541	10,857	66.0	6,020	9,279	154.1	466	1,578	238.6	7.2	14.7
16-17	90	402	346.7								
18-19	282	766	171.6								
20-24	770	2,007	160.6	Information not available for age breakouts							
25-34	1,355	2,740	102.2								
35-44	1,418	1,936	36.5								
45-64	2,260	2,639	16.8								
65 and over	366	367	0.3								

Special Breakouts for 1982

16-19	1,169
20-21	803
22-44	5,880
45-54	1,319
55 and over	1,686

C. Characteristics of the Unemployed

A study of the characteristics of claimants filing for Unemployment Insurance in the Mid-Cumberland District revealed that the majority (50.8 percent) were male. The most prevalent occupation was Clerical and Sales, which accounted for 20.5 percent of the claimants. Structural work had the second highest number of claimants. Most of the claimants --71.1 percent--had at least some high school education, while 13.7 percent had college credit. Minority or nonwhite races accounted for 12.3 percent of the claimants. Disadvantaged claimants made up 14.8 percent of the total, while 7.8 percent were veterans and 3.4 percent were handicapped.

Figures for the Clarksville SMSA area tell much the same story. In the SMSA, a study of the characteristics of claimants showed that the majority were females (50.4 percent). The most prevalent occupation was Clerical and Sales, accounting for 27.7 percent of the claimants. As in the Mid-Cumberland Planning District, Structural work had the second highest number of claimants (21.9 percent). While 70.3 percent had some high school education only 19.2 percent of the claimants had college credit. Nonwhite races accounted for 22.1 percent of the claimants. Veteran claimants made up 24.1 percent of the total, disadvantaged, 6.3 percent, and handicapped, 0.7 percent.

TABLE III

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	8.1
2 Clerical and Sales	20.5
3 Services	6.9
4 Farming, Fisheries, Forestry	0.9
5 Processing	2.9
6 Machine Trades	15.9
7 Benchwork	14.1
8 Structural Work	16.7
9 Miscellaneous	12.7
Partials and Invalid Claims	1.1

SEX	PERCENT	EDUCATION	PERCENT
Males	50.8	0-8	14.3
Females	49.2	9-12	71.1
AGE		13-16	13.7
0-21	14.6	MISCELLANEOUS	
22 and over	85.4	Disadvantaged	14.8
RACE		Veteran	7.8
White	87.7	Handicapped	3.4
Black	12.0	Welfare	1.2
Other	0.3	Foodstamp	1.2

*Percents may not add due to rounding. The numbers here dc not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
Mid Cumberland		2,270	50.8	49.2	14.6	66.9	18.5	14.3	71.1	13.7	87.7	12.0	0.3	14.8	7.8	1.2	3.4	1.2
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	185	51.9	48.1	2.7	83.2	14.1	1.6	40.0	50.8	94.1	5.9	0	5.9	13.0	0.5	4.3	0.5
Prof. & Tech.	00-16	120	45.8	54.2	4.2	82.0	13.8	0	35.8	53.2	90.8	9.2	0	7.0	13.0	1.0	3.0	1.0
Architecture & Engineering	00-01	17	88.2	11.8	11.8	76.0	12.2	0	29.4	64.6	100.0	0	0	0	18.0	0	12.0	0
Math & Phy. Science	02	3	100.0	0	0	100.0	0	0	33.3	66.7	100.0	0	0	0	0	0	33.3	0
Life Science	04	5	40.0	60.0	0	100.0	0	0	0	40.0	80.0	20.0	0	0	0	0	0	0
Social Sciences	05	1	100.0	0	0	100.0	0	0	0	100.0	0	100.0	0	100.0	0	0	0	0
Medicine & Health	07	26	23.0	77.0	4.0	65.0	31.0	0	69.0	27.0	88.0	12.0	0	4.0	12.0	0	0	0
Education	09	22	36.4	63.6	4.5	86.4	9.1	0	9.1	59.0	81.8	18.2	0	9.0	18.0	4.5	4.5	4.5
Museum & Archival Ser.	10	0																
Law & Jurisprudence	11	2	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	50.0	0	0	0
Religion & Theology	12	0																
Writing	13	2	50.0	50.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Art	14	5	40.0	60.0	0	80.0	20.0	0	40.0	40.0	100.0	0	0	0	0	0	0	0
Entertainment & Recreation	15	3	66.7	33.3	33.3	66.7	0	0	100.0	0	100.0	0	0	33.3	0	0	0	0
Administrative Specializations	16	34	38.1	61.9	0	88.2	11.8	0	35.3	64.7	94.1	5.9	0	9.0	15.0	0	3.0	0
Managerial	18	60	65.0	35.0	0	87.0	13.0	5.0	50.0	43.0	100.0	0	0	5.0	13.0	0	5.0	0
Miscellaneous Professional, Tech.	19	5	40.0	60.0	0	80.0	20.0	0	20.0	80.0	100.0	0	0	0	0	0	0	0
CLERICAL & SALES	2	466	18.5	81.5	15.0	70.0	15.0	1.7	76.0	22.3	94.0	6.0	0	10.0	3.0	1.0	3.0	0.4
Clerical	20-24	369	12.2	87.8	14.6	71.8	13.6	1.6	75.9	22.5	93.5	6.5	0	9.0	2.0	1.0	2.0	1.0
Typing, Filing, & Related Work	20	107	2.8	97.2	9.3	72.9	17.8	0.9	72.9	26.2	90.7	9.3	0	9.0	2.0	1.0	4.0	0
Computing & Account Recording	21	175	5.1	94.9	16.6	70.3	13.1	0.6	78.3	21.1	94.9	5.1	0	11.0	1.0	3.0	2.0	0
Material & Production Recording	22	40	70.0	30.0	20.0	68.0	12.0	8.0	75.0	17.0	95.0	5.0	0	3.0	12.0	0	6.0	0
Infor. & Message Distribution	23	35	5.7	94.3	20.0	74.3	5.7	0	80.0	20.0	94.3	5.7	0	12.0	0	0	0	6.0
Misc. Clerical	24	12	25.0	75.0	0	91.7	8.3	8.3	58.3	33.4	91.7	8.3	0	0	0	0	8.3	0
Sales	25-29	97	42.0	58.0	16.0	61.0	23.0	2.0	76.0	21.0	96.0	4.0	0	13.0	6.0	1.0	7.0	0
Salesperson, Ser.	25	10	40.0	60.0	10.0	80.0	10.0	0	40.0	60.0	100.0	0	0	0	10.0	0	30.0	0
Salespersons, Commodities	26-28	52	46.2	53.8	1.9	69.2	28.9	1.9	76.9	21.2	100.0	0	0	12.0	10.0	0	6.0	0
Merchandising, except Sales	29	35	37.1	62.9	40.0	42.9	17.1	2.9	85.7	8.6	88.6	11.4	0	20.0	0	3.0	3.0	0

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	0					
SERVICE	3	157	26.1	73.9	15.9	58.6	25.5	23.6	66.2	10.2	80.9	18.5	0.6	27.4	3.2	4.5	4.5	3.2
Domestic	30	2	0	100.0	0	100.0	0	0	100.0	0	50.0	50.0	0	100.0	0	0	0	0
Other Service	31-38	155	26.5	73.5	16.1	58.1	25.8	23.9	65.8	10.3	81.3	18.1	0.6	26.5	3.2	5.0	5.0	3.2
Food Preparation & Service	31	70	15.7	84.3	20.0	50.0	30.0	28.6	65.7	5.7	82.9	15.7	1.4	27.1	0	7.1	4.3	1.4
Lodging & kindred	32	10	10.0	90.0	10.0	80.0	10.0	30.0	50.0	20.0	80.0	20.0	0	30.0	0	10.0	0	0
Barbering & kindred	33	10	10.0	90.0	20.0	80.0	0	0	70.0	30.0	100.0	0	0	20.0	10.0	0	0	0
Amusement & kindred	34	1	100.0	0	100.0	0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Mis. Personal Ser.	35	19	5.3	94.7	10.5	68.4	21.1	0	89.5	11.5	84.2	15.8	0	37.0	0	5.0	5.0	11.0
Apparel & Furnish.	36	16	25.0	75.0	6.0	56.0	38.0	38.0	62.0	0	88.0	12.0	0	25.0	6.0	0	0	6.0
Protective Service	37	6	83.3	16.7	0	100.0	0	0	33.3	66.7	66.7	33.3	0	0	33.3	0	17.0	0
Building & kindred	38	23	73.9	26.1	17.4	47.8	34.8	34.8	65.2	0	65.2	34.8	0	26.1	4.3	0	8.7	0
FARMING, FISHERY, FORESTRY	4	21	81.0	19.0	42.9	47.6	9.5	19.0	61.9	19.0	95.2	4.8	0	9.5	9.5	4.8	4.8	0
Plant Farming	40	13	92.0	8.0	62.0	38.0	0	15.0	62.0	23.0	92.0	8.0	0	8.0	0	8.0	8.0	0
Animal Farming	41	4	50.0	50.0	0	100.0	0	0	75.0	25.0	100.0	0	0	0	50.0	0	0	0
Misc. Farming	42	4	75.0	25.0	25.0	25.0	50.0	50.0	50.0	0	100.0	0	0	25.0	0	0	0	0
Fishery & kindred	44	0																
Forestry	45	0																
Agricultural Service	46	0																
PROCESSING	5	65	73.8	26.2	20.0	64.6	15.4	21.5	63.1	15.4	81.5	18.5	0	12.3	7.7	0	3.1	1.5
Metal	50	4	100.0	0	0	100.0	0	25.0	75.0	0	100.0	0	0	0	25.0	0	0	0
Refining & Foundry	51	5	80.0	20.0	60.0	20.0	20.0	40.0	60.0	0	80.0	20.0	0	60.0	0	0	0	20.0
Food & kindred	52	7	29.0	71.0	42.0	29.0	29.0	0	100.0	0	71.0	29.0	0	14.0	14.0	0	14.0	0
Paper & kindred	53	1	100.0	0	0	0	100.0	100.0	0	0	0	100.0	0	0	0	0	0	0
Petroleum & kindred	54	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Chemicals, Plastics & kindred	55	18	61.1	38.9	33.3	50.0	16.7	11.1	66.7	22.2	88.9	11.1	0	5.5	5.5	0	5.5	0
Wood & Wood Products	56	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	21	95.2	4.8	4.8	95.2	0	19.0	57.1	23.9	76.2	23.8	0	4.8	4.8	0	0	0
Leather, Textiles & kindred	58	4	50.0	50.0	0	25.0	75.0	75.0	25.0	0	75.0	25.0	0	25.0	0	0	0	0
Processing, N.E.C.	59	3	66.7	33.3	0	100.0	0	33.3	33.3	33.4	100.0	0	0	33.3	33.3	0	0	0
MACHINE TRADES	6	362	48.9	51.1	14.2	54.9	30.9	24.6	71.3	4.1	87.0	13.0	0	14.9	11.0	1.0	3.0	1.0
Metal Machining	60	72	64.0	36.0	25.0	60.0	15.0	15.0	81.0	4.0	88.0	12.0	0	18.0	14.0	3.0	1.0	1.0
Metalworking, N.E.C.	61	74	42.0	58.0	9.0	73.0	18.0	20.0	74.0	6.0	81.0	19.0	0	24.0	9.0	3.0	9.0	0
Machine Repairmen	62-63	54	100.0	0	13.0	65.0	22.0	9.0	81.0	5.0	91.0	9.0	0	11.0	11.0	0	0	0
Paperworking	64	4	50.0	50.0	25.0	50.0	25.0	0	100.0	0	75.0	25.0	0	0	0	0	0	0
Printing	65	6	50.0	50.0	17.0	83.0	0	17.0	83.0	0	83.0	17.0	0	17.0	0	0	0	0
Wood Machining	66	8	75.0	25.0	38.0	62.0	0	38.0	62.0	0	100.0	0	0	25.0	13.0	0	0	0
Maching Stone, Glass & kindred	67	3	100.0	0	0	100.0	0	0	33.3	66.7	100.0	0	0	0	0	0	0	0
Textile	68	18	27.8	72.2	22.2	55.6	22.2	33.3	66.7	0	88.9	11.1	0	11.1	0	0	0	0
Machine Trades, N.E.C.	69	123	22.0	78.0	8.1	34.1	57.8	36.6	60.2	2.4	90.2	9.8	0	5.7	6.5	0	1.6	0.8

TABLE IV

DETAIL UI CLAIMANT CHARACERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCH WORK (Fabrication, Assembly, & Repair)	7	321	35.5	64.5	7.5	67.0	25.5	20.6	76.3	7.8	86.3	12.5	1.2	11.5	4.0	1.0	4.0	1.0
Metal Products, N.E.C.	70	49	42.9	57.1	10.2	67.3	22.5	16.3	75.5	8.2	85.7	14.3	0	16.3	6.2	4.1	2.0	0
Scientific & Medical Good & kindred	71	6	0	100.0	0	83.0	17.0	17.0	50.0	33.0	100.0	0	0	17.0	0	0	0	0
Electrical Equipment	72	50	16.0	84.0	10.0	70.0	20.0	18.0	80.0	2.0	76.0	22.0	2.0	10.0	0	0	4.0	0
Products from Assorted Materials	73	22	18.2	81.8	4.5	59.1	36.4	22.7	50.0	22.7	72.8	13.6	13.6	22.7	0	0	9.1	0
Painting & kindred	74	15	86.7	13.3	6.7	56.7	6.6	13.3	86.7	0	93.3	6.7	0	20.0	20.0	0	6.7	0
Plastics, Rubber kindred	75	51	66.7	33.3	3.9	78.4	17.7	13.7	66.7	19.6	94.1	5.9	0	2.0	2.0	0	2.0	0
Wood Products	76	12	50.0	50.0	17.0	75.0	8.0	8.0	84.0	8.0	100.0	0	0	33.0	17.0	0	8.0	0
Sand, Stone & kindred Products	77	11	90.9	9.1	9.1	81.8	9.1	0	90.9	9.1	64.0	36.0	0	0	9.1	0	0	0
Textile, Leather & kindred Products	78	96	17.7	82.3	7.3	53.1	39.6	32.3	66.7	1.0	88.5	11.5	0	10.4	3.1	0	4.2	1.0
Benchwork, N.E.C.	79	9	11.1	88.9	0	77.8	22.2	22.2	77.8	0	100.0	0	0	0	0	0	0	0
STRUCTURAL WORK	8	378	90.2	9.8	21.2	68.5	10.3	18.3	74.6	7.1	87.8	11.9	0.3	20.4	11.0	1.0	2.0	3.0
Metal Fabricating, N.E.C.	80	75	68.0	32.0	18.7	78.7	2.6	12.0	85.3	2.7	89.3	10.7	0	13.3	13.3	1.3	2.6	1.3
Welders & kindred	81	37	94.6	5.4	16.2	75.7	8.1	10.8	86.5	2.7	89.2	10.8	0	18.9	16.2	0	0	2.7
Electrical	82	33	78.2	21.2	15.2	60.6	24.2	12.1	78.8	9.1	90.9	9.1	0	18.2	21.0	0	0	3.0
Painting, Plastering & kindred	84	29	100.0	0	27.6	72.4	0	13.8	79.3	6.9	89.7	10.3	0	13.8	0	0	0	0
Excavating & kindred	85	21	100.0	0	9.5	76.2	14.3	42.9	57.1	0	85.7	14.3	0	42.9	9.5	0	0	4.8
Construction	86	170	98.2	1.8	25.3	62.9	11.8	21.2	68.8	10.0	86.5	12.9	0.6	24.0	10.0	0.6	4.1	4.1
Structural, N.E.C.	89	13	92.3	7.7	15.4	61.5	23.1	23.1	61.5	15.4	84.6	15.4	0	7.7	7.7	7.7	0	0
MISCELLANEOUS	9	289	78.2	21.8	16.3	71.6	12.1	11.8	83.0	5.2	81.0	18.3	0.7	17.0	11.1	0.3	3.8	1.4
Motor Freight, Transportation	90-91	91	93.4	6.6	11.0	75.8	13.2	18.7	76.9	4.4	84.5	15.5	0	19.8	7.7	0	5.5	2.2
Packaging & Material Handling	92	182	71.4	28.6	19.8	68.7	11.5	7.1	87.9	5.0	80.0	18.7	1.1	13.6	11.5	0.5	3.3	0.5
Other Misc.	93-97	16	68.8	31.2	6.3	81.3	10.4	25.0	62.5	12.5	68.8	31.2	0	50.0	25.0	0	0	6.3
Extraction of Minerals	93	7	100.0	0	0	71.4	28.6	42.9	57.1	0	42.9	57.1	0	57.1	14.3	0	0	14.3
Production & Distribution of Utilities	95	3	100.0	0	33.3	66.7	0	33.3	66.7	0	66.7	33.3	0	66.7	66.7	0	0	0
Amusement	96	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Graphic Art Work	97	5	0	100.0	0	100.0	0	0	60.0	40.0	100.0	0	0	40.0	0	0	0	0
PARTIALS & INVALID CODES	99	26	34.6	65.4	23.1	65.4	11.5	15.4	57.7	11.5	65.4	34.6	0	30.8	0	15.4	0	3.8

*W-White, B-Black, O-Other

TABLE V

MONTGOMERY COUNTY

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS		*PERCENT
0-1	Professional, Technical, Managerial	10.2
2	Clerical and Sales	27.7
3	Services	13.1
4	Farming, Fisheries, Forestry	1.2
5	Processing	0.2
6	Machine Trades	6.5
7	Benchwork	8.5
8	Structural Work	21.9
9	Miscellaneous	9.5
	Partials and Invalid Claims	1.2

SEX	PERCENT	EDUCATION	PERCENT
Males	49.6	0-8	8.8
Females	50.4	9-12	70.3
AGE		13-16	19.2
0-21	16.1	MISCELLANEOUS	
22 and over	83.9	Disadvantaged	6.3
RACE		Veteran	24.1
White	77.9	Handicapped	0.7
Black	21.4	Welfare	2.4
Other	0.7	Foodstamp	3.4

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE VI

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
Montgomery County		411	49.6	50.4	16.1	64.5	19.4	8.8	70.3	19.2	77.9	21.4	0.7	6.3	24.1	.7	2.4	3.4
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	42	40.5	59.5	0	83.3	16.7	0	31.0	69.0	78.6	21.4	0	7.1	38.1	0	4.8	-
Prof. & Tech.	00-16	26	46.2	53.8	0	80.8	19.2	0	30.8	50.0	84.6	15.4	0	7.7	46.2	0	3.8	7.7
Architecture & Engineering	00-01	2	100.0	0	0	50.0	50.0	0	0	100.0	100.0	0	0	50.0	100.0	0	0	0
Math & Phy. Science	02	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Life Science	04	1	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	0	0	0	0
Social Sciences	05	0																
Medicine & Health	07	4	0	100.0	0	100.0	0	0	75.0	25.0	100.0	0	0	0	50.0	0	0	0
Education	09	7	42.9	57.1	0	100.0	0	0	14.3	42.9	71.4	28.6	0	14.3	0	0	0	14.3
Museum & Archival Ser.	10	0																
Law & Jurisprudence	11	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Religion & Theology	12	0																
Writing	13	0																
Art	14	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	100.0	0	0	0
Entertainment & Recreation	15	0																
Administrative Specializations	16	9	66.7	33.3	0	55.6	44.4	0	33.3	55.6	77.8	22.2	0	0	66.7	0	11.1	11.1
Managerial	18	12	25.0	75.0	0	83.3	16.7	0	41.7	58.3	83.3	16.7	0	8.3	16.7	0	0	0
Miscellaneous Professional, Tech.	19	4	50.0	50.0	0	100.0	0	0	0	75.0	25.0	75.0	0	0	50.0	0	25.0	0
CLERICAL & SALES	2	114	14.9	85.1	17.5	59.7	22.8	2.6	69.3	27.2	80.7	18.4	0.9	4.4	14.9	0.9	2.6	3.5
Clerical	20-24	78	11.5	88.5	20.5	64.1	15.4	1.3	67.9	30.8	80.8	17.9	1.3	6.4	16.7	1.3	2.6	3.9
Typing, Filing, & Related Work	20	22	9.1	90.9	18.2	68.2	13.6	0	59.1	40.9	68.2	31.8	0	9.1	22.7	0	4.5	0
Computing & Account Recording	21	40	5.0	95.0	25.0	60.0	15.0	0	72.5	27.5	82.5	15.0	2.5	7.5	10.0	2.5	0	5.0
Material & Prod. Recording	22	8	50.0	50.0	12.5	62.5	25.0	12.5	75.0	12.5	100.0	0	0	0	38.0	0	12.5	12.5
Infor. & Message Distribution	23	6	16.7	83.3	16.7	83.3	0	0	66.7	33.3	83.3	16.7	0	0	16.7	0	0	0
Misc. Clerical	24	2	0	100.0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Sales	25-29	36	22.2	77.8	11.1	50.0	38.9	5.6	72.2	19.4	80.6	19.4	0	0	11.1	0	2.8	2.8
Salesperson, Ser.	25	3	0	100.0	33.3	66.7	0	0	66.7	33.3	100.0	0	0	0	33.3	0	0	33.3
Salespersons, Commodities	26-28	25	24.0	76.0	12.0	48.0	40.0	4.0	68.0	24.0	76.0	24.0	0	0	8.0	0	4.0	0
Merchandising, except Sales	29	8	25.0	75.0	0	50.0	50.0	12.5	87.5	0	87.5	12.5	0	0	12.5	0	12.5	0

TABLE VI

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

		TOTAL	SEX		AGE			EDUCATION			RACE							
OCCUPATION -	DOT CODE	NUMBER	Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O	DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
SERVICE	3	54	33.3	66.7	16.7	68.5	14.8	3.7	81.5	14.8	66.7	31.5	1.8	7.4	27.8	0	3.7	1.9
Domestic	30	3	0	100.0	0	100.0	0	0	100.0	0	33.3	66.7	0	33.3	0	0	0	0
Other Service	31-38	51	35.3	64.7	17.6	66.7	15.7	3.9	80.4	15.7	68.6	29.4	2.0	5.9	29.4	0	4.0	2.0
Food Preparation & Service	31	27	22.2	77.8	25.9	63.0	11.1	0	85.2	14.8	70.4	25.9	3.7	11.1	14.8	0	3.7	0
Lodging & kindred	32	3	0	100.0	0	66.7	33.3	0	100.0	0	100.0	0	0	0	0	0	0	0
Barbering & kindred	33	0																
Amusement & kindred	34	0																
Misc. Pers. Ser.	35	6	33.3	66.7	0	100.0	0	0	83.3	16.7	83.3	16.7	0	0	50.0	0	0	16.7
Apparel & Furn.	36	2	50.0	50.0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Protective Ser.	37	7	71.4	28.6	0	85.7	14.3	14.3	57.1	28.6	71.4	28.6	0	0	85.7	0	14.3	0
Bldg., & kindred	38	6	66.7	33.3	33.3	33.3	33.4	16.7	85.3	0	16.7	83.3	0	0	33.3	0	0	0
FARMING, FISHERY, FORESTRY	4	5	60.0	40.0	0	60.0	40.0	20.0	80.0	0	80.0	20.0	0	0	0	0	0	0
Plant Farming	40	3	33.3	66.7	0	66.7	33.3	0	100.0	0	66.7	33.3	0	0	0	0	0	0
Animal Farming	41	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Misc. Farming	42	1	100.0	0	0	0	100.0	100.0	0	0	100.0	0	0	0	0	0	0	0
Fishery & kindred	44	0																
Forestry	45	0																
Agricultural Service	46	0																
PROCESSING	5	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Metal	50	0																
Refining & Foundry	51	0																
Food & kindred	52	0																
Paper & kindred	53	0																
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	0																
Wood & Wood Products	56	0																
Stone, Clay & kindred	57	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Leather, Textiles & kindred	58	0																
Processing. N.E.C.	59	0																
MACHINE TRADES	6	27	77.8	22.2	22.2	63.0	14.8	11.1	74.1	14.8	92.6	7.4	0	3.7	22.2	0	0	3.7
Metal Machining	60	3	100.0	0	66.7	33.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Metalworking, N.E.C.	61	2	50.0	50.0	0	100.0	0	0	100.0	0	50.0	50.0	0	0	0	0	0	0
Machine Repairmen	62-63	12	100.0	0	16.7	75.0	8.3	8.3	66.7	25.0	91.7	8.3	0	0	25.0	0	0	0
Paperworking	64	1	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Printing	65	3	66.7	33.3	33.3	66.7	0	33.3	33.3	33.4	100.0	0	0	0	33.3	0	0	0
Wood Machining	66	3	66.7	33.3	33.3	33.3	33.4	33.3	66.7	0	100.0	0	0	0	0	0	0	0
Machine Stone, Glass & kindred	67	0																
Textile	68	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	100.0
Machine Trades, N.E.C.	69	2	0	100.0	50.0	50.0	0	50.0	0	50.0	100.0	0	0	0	0	0	0	0

TABLE VI

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCHWORK (Fabrication, Assembly, & Repair)	7	35	34.3	65.7	20.0	68.6	11.4	11.4	80.0	8.8	65.7	34.3	0	11.4	5.7	2.9	2.9	5.7
Metal Products, N.E.C.	70	20	50.0	50.0	20.0	75.0	5.0	5.0	85.0	10.0	65.0	35.0	0	10.0	0	0	0	5.0
Scienfitic & Medical Good & kindred	71	0																
Electrical Equipment	72	3	66.7	33.3	0	66.7	33.3	66.7	33.3	0	66.7	33.3	0	0	33.3	0	33.3	33.3
Products from Assorted Materials	73	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Painting & kindred	74	2	50.0	50.0	0	50.0	50.0	0	100.0	0	50.0	50.0	0	0	0	0	0	0
Plastics, Rubber & kindred	75	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Wood Products	76	0																
Sand, Stone & kindred Products	77	0																
Textile, Leather & kindred Products	78	8	0	100.0	37.5	50.0	12.5	12.5	75.0	12.5	62.5	37.5	0	12.5	12.5	12.5	0	0
Benchwork, N.E.C.	79	0																
STRUCTURAL WORK	8	90	92.2	7.8	16.7	63.3	20.0	15.6	77.8	6.6	83.3	15.6	1.1	6.7	36.7	0	0	2.2
Metal Fabricating, N.E.C.	80	5	100.0	0	20.0	40.0	40.0	20.0	60.0	20.0	100.0	0	0	20.0	40.0	0	0	0
Welders & kindred	81	11	81.8	18.2	27.3	63.6	9.1	0	81.8	18.2	81.8	18.2	0	9.1	45.5	0	0	0
Electrical	82	10	90.0	10.0	10.0	90.0	0	0	100.0	0	60.0	30.0	10.0	20.0	50.0	0	0	0
Painting, Plastering & kindred	84	5	80.0	20.0	0	80.0	20.0	0	100.0	0	80.0	20.0	0	0	40.0	0	0	0
Excavating & kindred	85	0																
Construction	86	56	96.4	3.6	17.9	57.1	25.0	23.2	71.4	5.4	85.7	14.3	0	1.8	32.1	0	0	3.6
Structural, N.E.C.	89	3	66.7	33.3	0	100.0	0	0	100.0	0	100.0	0	0	33.3	33.3	0	0	0
MISCELLANEOUS	9	38	71.1	28.9	21.1	52.6	26.3	18.4	71.1	10.5	78.9	21.1	0	5.3	21.5	0	2.6	2.6
Motor Freight, Transportation	90-91	17	94.1	5.9	23.5	58.8	17.7	17.7	76.5	5.8	76.5	23.5	0	0	23.5	0	0	5.9
Packaging & Material Handling	92	15	66.7	33.3	20.0	40.0	40.0	26.7	66.7	6.6	73.3	26.7	0	13.3	20.0	0	0	0
Other Misc.	93-97	6	50.0	50.0	16.7	66.6	16.7	0	66.6	33.4	100.0	0	0	0	0	0	0	0
Extraction of Minerals	93	0																
Production & Distribution of Utilities	95	2	100.0	0	0	50.0	50.0	0	100.0	0	100.0	0	0	0	100.0	0	100.0	0
Amusement & kindred, N.E.C.	96	0																
Graphic Art Work	97	4	25.0	75.0	25.0	75.0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
PARTIALS & INVALID CODES	99	5	80.0	20.0	20.0	60.0	20.0	40.0	60.0	0	20.0	80.0	0	20.0	20.0	20.0	0	0

SOURCE: *W-White, B-Black, O-Other

D. Nonagricultural Wage and Salary Employment by Industry

Figures indicate that there were approximately 388,970 individuals in the Mid-Cumberland Development District employed in various industries in 1980. This figure is 11,130 fewer (2.9%) than 1979.

Manufacturing industries claimed 89,790 individuals during 1980, or 5,710 individuals less than the 1979 figures of 95,500. This represents a 6.0 percent decrease.

The electrical machinery, equipment and supplies industry (durable goods) and the printing and publishing industry (nondurable goods) had the largest number of employed with 13,000 and 10,900 respectively.

The fabricated metal products industry (durable goods) and textile mill products (nondurable goods) displayed the greatest increase in employment with 19.4 percent each. The lumber industry (durable goods) and the apparel industry (nondurable goods) showed the largest drops in employment with 57.8 percent and 21.3 percnet decreases respectively.

Nonmanufacturing industries, the larger of the two sectors, had 299,180 employed in 1980; a decrease of 5,430, or 1.8 percent from 1979. Although showing a decrease of 3.0 percent, trade remained the largest industry with 86,810 workers. Finance, insurance and real estate showed the largest increase in employment over 1979 with 25,370 workers employed, or an increase of 1.9 percent.

TABLE VII

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
Total	400,100	388,970	-11,130	-2.9
Manufacturing	95,500	89,790	-5,710	-6.0
Durable Goods	48,600	43,820	-4,780	-9.8
Lumber	3,670	1,550	-2,120	-57.8
Furniture	3,790	3,600	-190	-5.0
Stone, Clay, Glass	1/	1/	1/	1/
Primary Metal Industries	1/	1/	1/	1/
Fabricated Metal Products	8,000	9,550	1,550	19.4
Machinery, Non-electrical	1/	1/	1/	1/
Electrical Machinery, Equipment and Supplies	14,340	13,000	-1,340	-9.3
Transportation Equipment	9,590	8,500	-1,090	-11.4
Professional, Scientific and Controlling Instruments	0	0	0	0.0
All Other Durable	9,210	7,620	-1,590	-17.3
Nondurable Goods	46,900	45,970	-930	-2.0
Food and Kindred Products	6,520	7,330	810	12.4
Tobacco	2/	2/	2/	2/
Textile Mill Products	1,340	1,600	260	19.4
Apparel	6,610	5,200	-1,410	-21.3
Paper and Allied Products	2/	2/	2/	2/
Printing and Publishing	11,760	10,900	-860	-7.3
Chemicals and Allied Products	2/	2/	2/	2/
Petroleum and Refining	4,450	3,700	-750	-16.9
Rubber and Miscellaneous	2/	2/	2/	2/
Leather	2/	2/	2/	2/
All Other Nondurable	16,220	17,240	1,020	6.3
Nonmanufacturing	304,610	299,180	-5,430	-1.8
Contract Construction	22,590	19,020	-3,570	-15.8
Transportation and Public Utilities	22,750	19,990	-2,760	-12.1
Trade	89,500	86,810	-2,690	-3.0
Finance, Insurance and Real Estate	24,900	25,370	470	1.9
Services	73,200	74,340	1,140	1.6
Government	70,720	72,620	1,900	2.7
All Other Nonmanufacturing	950	1,030	80	8.4

1/ Included in "All Other Durable" to avoid disclosure of individual establishment data.

2/ Included in "All Other Nondurable" to avoid disclosure of individual establishment data.

E. Occupation

Growth in industry causes growth in corresponding occupational categories. The occupation with the largest number of employees is operatives, which includes occupations such as transport operators, assemblers, blasters, drillers, butchers, semiskilled textile workers, and semiskilled metal workers. This group represented 20.8 percent of total employment in 1970. This broad category is also projected to average the greatest number (1,221) of job openings in 1982.

Crafts and kindred workers is the second largest occupational category in the Mid-Cumberland District. This category, made up of roofers, plumbers, painters, electricians, carpenters, etc., is projected to employ 17,615 individuals in 1982. This is an increase of 5,039 over 1970 levels, or 40.1 percent. It is estimated that this category will have an average of 671 job openings annually. See Table.

TABLE VIII

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1982	Avg. Annual Job Openings
Total All Occupations	80,360	106,630	32.7	5,091
Professional, Technical and Kindred	9,247	13,450	45.5	533
Managers, Officials and Proprietors	6,757	10,436	54.4	532
Sales Workers	4,543	6,869	51.2	390
Clerical Workers	10,602	14,884	40.4	934
Crafts and Kindred Workers	12,576	17,615	40.1	671
Operatives	16,692	24,998	49.8	1,221
Service Workers	10,168	11,409	12.2	605
Laborers, Except Farm	4,072	4,979	22.3	158
Farmers & Farm Workers	5,703	3,642	-36.1	47

Source: Tennessee Employment Outlook - Regional Estimates for Occupations, 1970-1982. Tennessee Department of Employment Security.

TABLE IX
HIGH DEMAND OCCUPATIONS
MID-CUMBERLAND DEVELOPMENT DISTRICT

Occupational Title	Employment 1970	Employment 1980	Average Number	Annual Pct. of Total	Job Openings Due to Growth
Teachers					
Elementary school teachers	1,673	1,776	115	2.26	13
Other managers, officials, props.					
Other mgrs, administrators	4,261	6,388	377	7.40	212
Sales workers					
Sales clerk, retail trade	2,145	2,842	205	4.03	69
Clerical workers					
Secretaries, other	2,079	2,959	258	5.07	88
Typists	621	794	69	1.36	17
Bookkeepers	1,694	2,177	153	3.00	48
Cashiers	895	1,144	83	1.63	24
Craftsmen, foreman, kindred					
Carpenters	1,747	2,366	122	2.40	61
Operatives					
Welders and flame cutters	1,016	1,609	77	1.51	59
Checkers, examiners, etc. mfg.	980	1,546	103	2.02	56
Packer, wrapper, exc. meat, prod.	646	983	61	1.20	33
Assemblers	1,174	1,882	121	2.38	70
Sewers	2,113	3,397	281	5.52	128
Misc. mach. operatives	1,489	2,239	125	2.45	75
Truck drivers	2,034	2,354	65	1.28	32
Service workers					
Janitors and sextons	1,492	1,937	117	2.30	44
Cooks, exc. private	1,218	1,417	93	1.83	25
Waiters	948	1,207	86	1.69	25
Maids, servants, private	1,356	1,094	58	1.14	-26
Farmers and farm workers					
Farmers (owners & tenants)	3,567	2,387	59	1.16	-118

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Analysis

Mid-Cumberland

Records indicate that there are more female applicants (52.9 percent) than males; however, in all occupational categories except clerical and sales and domestic services, men outnumber women.

Applicants 22 years and older composed 74.9 percent of all applicants in the district. The remaining 25.1 percent were 21 years and younger.

Clerical and sales occupations received the largest number of applicants--1,938 persons (20.0 percent) were seeking employment in these jobs.

Most of the applicants (69.9 percent) had at least some high school education, while 13.8 percent had college credit. Minority and nonwhite races accounted for 35.5 percent of the applicants. Disadvantaged applicants made up 36.7 percent of the total--11.2 percent were veterans and 14.8 percent were handicapped.

TABLE X

ESARS APPLICANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	6.0
2 Clerical and Sales	20.0
3 Services	17.1
4 Farming, Fisheries, Forestry	1.6
5 Processing	1.6
6 Machine Trades	9.2
7 Benchwork	9.6
8 Structural Work	13.9
9 Miscellaneous	10.3
Partials and Invalid Claims	10.7

SEX	PERCENT	EDUCATION	PERCENT
Males	47.1	0-8	15.5
Females	52.9	9-12	69.9
AGE		13-16	13.8
0-21	25.1		
22 and over	74.9	MISCELLANEOUS	
RACE		Disadvantaged	36.7
White	77.7	Veteran	11.2
Nonwhite	22.3	Handicapped	14.8
Nonwhite Female	13.2	Welfare	4.4
		Foodstamp	11.1

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980

TABLE XI

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS
(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
Mid-Cumberland		9,667	47.1	52.9	25.1	61.2	13.7	15.5	69.9	13.8	77.7	22.3	13.2	36.7	11.2	14.8	4.4	11.1
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	578	56.1	43.9	5.5	79.6	14.9	1.4	33.0	57.3	86.2	13.8	7.3	15.1	26.6	3.6	6.6	4.7
Prof. & Tech.	00-16	356	49.7	50.3	4.5	79.2	16.3	0.6	30.9	58.4	85.1	14.9	8.7	17.1	26.1	5.3	6.7	5.6
Architecture & Engineering	00-01	43	90.7	9.3	11.6	74.4	14.0	2.3	27.9	67.4	95.3	4.7	0	14.0	37.2	2.3	14.0	11.6
Math & Phy. Science	02	14	71.4	28.6	0	7.1	92.9	0	7.1	92.9	92.9	7.1	7.1	0	21.4	7.1	21.4	0
Life Science	04	14	28.6	71.4	7.1	92.9	0	0	14.3	35.7	78.6	21.4	21.4	21.4	14.3	7.1	0	0
Social Sciences	05	1	100.0	0	0	100.0	0	0	0	100.0	0	0	100.0	100.0	0	0	0	0
Medicine & Health	07	62	19.4	80.6	4.8	82.3	12.9	0	59.7	40.3	82.3	17.7	12.9	22.6	21.0	6.5	3.2	4.8
Education	09	75	36.0	64.0	4.0	87.0	0.0	0	17.3	57.3	73.3	26.7	16.0	22.7	18.7	8.0	2.7	6.7
Museum & Archival Ser.	10	3	33.3	66.7	0	100.0	0	0	0	66.7	100.0	0	0	0	0	0	0	0
Law & Jurisprudence	11	4	75.0	25.0	0	25.0	75.0	0	25.0	75.0	100.0	0	0	0	75.0	0	0	0
Religion & Theology	12	0																
Writing	13	8	62.5	37.5	0	100.0	0	12.5	12.5	75.0	100.0	0	0	37.5	12.5	12.5	0	0
Art	14	17	35.3	64.7	0	82.4	17.6	0	35.3	58.8	82.4	17.6	11.8	23.5	17.6	17.6	0	11.8
Entertainment & Recreation	15	19	73.7	26.3	10.5	89.5	0	0	42.1	57.9	89.5	10.5	0	26.3	21.1	10.5	0	10.5
Administrative Specializations	16	96	57.3	42.7	2.1	79.2	18.7	0	30.2	62.5	89.6	10.4	5.2	8.3	35.4	0	11.5	3.1
Managerial	18	191	71.2	28.8	6.8	79.6	13.6	2.1	40.3	50.8	91.6	8.4	1.6	11.5	28.8	1.0	5.8	3.1
Miscellaneous Professional, Tech.	19	31	35.5	64.5	9.7	83.9	6.5	0	12.9	83.9	64.5	35.5	25.8	12.9	19.4	0	9.7	3.2
CLERICAL & SALES	2	1,938	16.2	83.8	27.8	63.1	9.2	2.1	70.6	26.8	86.5	13.5	11.0	25.7	6.4	8.4	3.1	3.5
Clerical	20-24	1,545	10.9	89.1	27.2	65.0	7.8	2.0	71.1	26.7	86.2	13.8	11.5	23.0	5.7	8.3	2.8	2.9
Typing, Filing, & Related Work	20	471	6.2	93.8	24.0	67.9	8.1	1.5	66.5	32.1	82.6	17.4	15.1	23.1	6.2	7.9	2.8	2.8
Computing & Account Recording	21	752	4.4	95.6	29.4	63.6	7.0	1.6	72.5	25.7	89.8	10.2	9.3	20.9	3.2	7.7	2.1	2.8
Material & Production Recording	22	135	63.0	37.0	27.4	60.7	11.9	7.4	78.5	13.3	85.9	14.1	5.2	19.3	20.0	6.7	5.9	3.0
Infor. & Message Distribution	23	120	11.7	88.3	25.8	70.8	3.3	0	75.8	24.2	90.0	10.0	7.5	27.5	4.2	11.7	2.5	4.2
Misc. Clerical	24	67	11.9	88.1	26.9	59.7	13.4	3.0	64.2	31.3	65.7	34.3	31.3	44.8	4.5	16.4	4.5	3.0
Sales	25-29	393	36.9	63.1	30.0	55.2	14.8	2.5	69.0	27.5	87.8	12.2	9.2	36.6	9.2	8.7	4.6	5.6
Salespersons, Ser.	25	32	50.0	50.0	9.4	75.0	15.6	0	43.7	53.1	93.7	6.2	0	15.6	21.9	6.2	9.4	18.7
Salespersons, Commodities	26-28	170	44.7	55.3	13.5	67.1	19.4	1.2	65.9	31.8	90.6	9.4	6.5	16.5	13.5	4.1	5.3	4.1
Merchandising, except Sales	29	191	27.7	72.3	48.2	41.4	10.5	4.2	75.9	19.4	84.3	15.7	13.1	58.1	3.1	13.1	3.1	4.7

TABLE XI

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	1,649	23.0	77.0	30.0	52.1	17.9	21.2	71.7	7.0	62.3	37.7	28.8	59.4	5.7	32.1	5.2	10.2
Domestic	30	253	4.3	95.7	9.5	49.8	40.7	41.1	57.3	1.6	40.7	59.3	56.5	85.4	0.8	60.5	8.7	13.8
Other Service	31-38	1,396	26.4	73.6	33.7	52.5	13.8	17.6	74.3	8.0	66.3	33.7	23.7	54.7	6.6	27.0	4.6	9.5
Food Preparation & Service	31	644	18.9	81.1	39.0	49.4	11.6	14.3	80.1	5.6	70.3	29.7	22.7	51.7	4.2	27.6	4.7	6.5
Lodging & kindred	32	117	8.5	91.5	19.7	58.1	22.2	34.2	61.5	4.3	56.4	43.6	41.0	69.2	0	36.8	5.1	12.8
Barbering & kindred	33	28	10.7	89.3	14.3	78.6	7.1	3.6	78.6	17.9	82.1	17.9	14.3	60.7	7.1	28.6	0	10.7
Amusement & kindred	34	4	50.0	50.0	100.0	0	0	25.0	50.0	25.0	50.0	50.0	25.0	75.0	0	25.0	0	0
Mis. Personal Ser.	35	245	6.9	93.1	27.3	61.2	11.4	11.4	77.1	11.0	70.6	29.4	26.1	58.0	5.7	28.6	3.3	10.2
Apparel & Furnish.	36	69	15.9	84.1	13.0	59.4	27.5	33.3	60.9	5.8	62.3	37.7	37.7	59.4	5.8	39.1	1.4	11.6
Protective Service	37	83	80.7	19.3	16.9	67.5	15.7	10.8	55.4	33.7	83.1	16.9	6.0	21.7	36.1	3.6	12.0	13.3
Building & kindred	38	206	66.0	34.0	48.1	37.9	14.1	25.2	71.8	2.4	46.6	53.4	18.4	62.6	7.3	22.8	4.4	14.1
FARMING, FISHERY, FORESTRY	4	156	82.7	17.3	43.6	39.7	16.7	29.5	62.8	7.7	79.5	20.5	4.5	53.2	7.1	17.9	8.3	18.6
Plant Farming	40	80	80.0	20.0	51.2	40.0	8.7	23.7	66.2	10.0	72.5	27.5	8.7	53.7	3.7	18.7	6.2	17.5
Animal Farming	41	20	80.0	20.0	35.0	60.0	5.0	0	80.0	20.0	95.0	5.0	0	25.0	20.0	5.0	0	10.0
Misc. Farming	42	50	86.0	14.0	36.0	32.0	32.0	48.0	52.0	0	82.0	18.0	0	62.0	6.0	22.0	12.0	22.0
Fishery & kindred	44	0																
Forestry	45	6	100.0	0	33.3	33.3	33.3	50.0	50.0	0	100.0	0	0	66.7	16.7	16.7	33.3	33.3
Agricultural Service	46	0																
PROCESSING	5	156	60.3	39.7	26.3	62.8	10.9	19.9	67.9	12.2	73.7	26.3	10.3	34.0	9.0	14.7	4.5	7.1
Metal	50	8	87.5	12.5	37.5	62.5	0	25.0	75.0	0	100.0	0	0	12.5	12.5	0	0	0
Refining & Foundry	51	11	90.9	9.1	45.5	45.5	9.1	27.3	72.7	0	81.8	18.2	0	45.5	9.1	0	9.1	9.1
Food & kindred	52	41	34.1	65.9	31.7	48.8	19.5	31.7	63.4	4.9	61.0	39.0	24.4	56.1	7.3	43.9	9.8	9.8
Paper & kindred	53	2	100.0	0	0	50.0	50.0	50.0	50.0	0	50.0	50.0	0	50.0	0	0	0	0
Petroleum & kindred	54	1	100.0	0	0	0	100.0	0	0	100.0	100.0	0	0	0	0	0	0	0
Chemicals, Plastics & kindred	55	40	50.0	50.0	32.5	60.0	7.5	7.5	72.5	20.0	77.5	22.5	7.5	20.0	10.0	5.0	2.5	5.0
Wood & Wood Products	56	2	100.0	0	0	100.0	0	50.0	50.0	0	100.0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	31	90.3	9.7	9.7	90.3	0	9.7	67.7	22.6	67.7	32.3	6.5	12.9	6.5	0	3.2	6.5
Leather, Textiles & kindred	58	9	33.3	66.7	11.1	55.6	33.3	33.3	66.7	0	88.9	11.1	0	55.6	11.1	11.1	0	11.1
Processing, N.E.C.	59	11	63.6	36.4	27.3	72.7	0	18.2	72.7	9.1	81.8	18.2	9.1	54.5	18.2	18.2	0	9.1
MACHINE TRADES	6	887	61.9	38.1	19.7	63.4	16.9	16.2	76.7	6.7	83.4	16.6	7.9	28.7	18.4	8.2	5.1	7.6
Metal Maching	60	208	63.5	36.5	23.1	68.7	8.2	11.1	81.2	7.7	78.8	21.2	11.1	30.3	19.7	12.0	3.8	4.8
Metalwork, N.E.C.	61	170	53.5	46.5	15.3	74.1	10.6	12.9	82.4	4.7	77.6	22.4	8.8	30.6	14.7	6.5	7.1	7.6
Machine Repair	62-63	194	97.9	2.1	20.6	69.6	9.8	7.2	83.0	8.8	93.3	6.7	0.5	24.7	36.1	3.1	7.2	9.8
Paperworking	64	13	30.8	69,2	7.7	76.9	15.4	7.7	92.3	0	69.2	30.8	15.4	23.1	0	7.7	7.7	0
Printing	65	22	45.5	54.5	13.6	77.3	9.1	13.6	72.7	13.6	90.9	9.1	0	18.2	9.1	4.5	0	4.5
Wood Machining	66	46	89.1	10.9	23.9	47.8	28.3	32.6	54.3	13.0	100.0	0	0	54.3	17.4	2.2	4.3	39.1
Maching. Stone, Glass & kindred	67	6	83.3	16.7	0	100.0	0	0	66.7	33.3	83.3	16.7	16.7	16.7	16.7	0	0	0
Textile	68	25	36.0	64.0	16.0	68.0	16.0	24.0	76.0	0	92.0	8.0	4.0	12.0	12.0	0	0	4.0
Machine Trades, N.E.C.	69	203	33.0	67.0	20.7	42.4	36.9	29.6	66.0	3.4	78.8	21.2	13.3	27.6	6.4	13.8	39.4	2.5

TABLE XI

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	926	29.4	70.6	14.7	70.1	15.2	18.6	74.8	6.5	77.0	23.0	16.8	38.4	5.4	1.9	4.4	7.3
Metal Products, N.E.C.	70	222	35.1	64.9	20.3	68.0	11.7	16.2	77.0	6.8	68.0	32.0	21.2	45.5	5.9	26.6	3.6	8.1
Scientific & Medical Good & kindred	71	36	30.6	69.4	11.1	77.8	11.1	11.1	72.2	16.7	69.4	30.6	19.4	58.3	16.7	47.2	8.3	11.1
Electrical Equipment	72	113	21.2	78.8	13.3	72.6	14.2	11.5	85.0	3.5	77.9	22.1	15.9	22.1	5.3	6.2	2.7	4.4
Products from Assorted Materials	73	47	12.8	87.2	12.8	70.2	17.0	10.6	72.3	14.9	76.6	23.4	23.4	38.3	0	14.8	6.4	0
Painting & kindred	74	39	84.6	15.4	12.8	76.9	10.3	10.3	87.2	2.6	89.7	10.3	5.1	25.6	12.8	5.1	2.6	12.8
Plastics, Rubber & kindred	75	66	65.2	34.8	4.5	77.3	18.2	15.2	63.6	21.2	90.9	9.1	4.5	12.1	6.1	3.0	1.5	7.6
Wood Products	76	26	57.7	42.3	11.5	73.1	15.4	15.4	76.9	7.7	84.6	15.4	11.5	34.6	15.4	7.7	7.7	7.7
Sand, Stone & kindred Products	77	15	80.0	20.0	20.0	73.3	6.7	6.7	86.7	6.7	66.7	33.3	6.7	6.7	6.7	6.7	0	20.0
Textile, Leather & kindred Products	78	311	13.2	86.8	11.9	68.5	19.6	27.7	69.8	2.6	80.7	19.3	16.4	45.3	3.2	23.5	5.8	8.0
Benchwork, N.E.C.	79	51	17.6	82.4	29.4	60.8	9.8	17.6	78.4	3.9	68.6	31.4	25.5	43.1	2.0	19.6	3.9	2.0
STRUCTURAL WORK	8	1,345	92.0	8.0	28.8	61.1	10.1	16.7	74.9	8.4	83.7	16.3	1.5	32.7	21.0	4.2	3.9	15.0
Metal Fabricating, N.E.C.	80	153	73.2	26.8	25.5	70.0	4.6	13.1	81.0	5.9	90.2	9.8	2.6	22.9	20.3	4.6	4.6	8.5
Welders & kindred	81	117	88.0	12.0	18.8	70.0	11.1	11.1	81.2	7.7	88.0	12.0	2.6	26.5	29.1	2.6	6.8	12.8
Electrical	82	115	83.5	16.5	17.4	70.4	12.2	7.8	78.3	13.9	82.6	17.4	7.0	27.0	34.8	4.3	1.7	13.0
Painting, Plastering & kindred	84	66	97.0	3.0	22.7	69.7	7.6	21.2	74.2	4.5	90.9	9.1	1.5	22.7	13.6	1.5	3.0	16.7
Excavating & kindred	85	42	100.0	0	7.1	59.5	33.3	31.0	66.7	2.4	92.9	7.1	0	31.0	19.0	2.4	0	23.8
Construction	86	767	96.3	3.7	33.9	56.8	9.3	18.4	72.7	8.9	82.7	17.3	0.4	36.1	18.8	3.8	3.8	17.5
Structural, N.E.C.	89	85	96.5	3.5	32.9	52.9	14.1	16.5	75.3	8.2	67.1	32.9	1.2	44.7	20.0	10.6	4.7	4.7
MISCELLANEOUS	9	994	79.8	20.2	28.6	60.7	10.8	15.8	77.6	6.6	80.2	19.8	4.8	32.7	16.8	7.3	4.0	10.9
Motor Freight, Transportation	90-91	338	92.6	7.4	15.7	70.4	13.9	18.9	76.0	5.0	83.7	16.3	2.7	31.4	21.9	4.4	6.2	16.6
Packaging & Material Handling	92	613	73.6	26.4	36.9	54.3	8.8	14.0	78.8	7.2	78.1	21.9	6.0	33.3	13.1	9.3	2.8	8.2
Other Misc.	93-97	43	67.4	32.6	11.6	74.4	14.0	16.3	72.1	11.6	81.4	18.6	4.7	34.9	30.2	2.3	4.7	4.7
Extraction of Minerals	93	12	91.7	8.3	16.7	66.7	16.7	25.0	75.0	0	58.3	41.7	8.3	50.0	8.3	0	0	8.3
Production & Distribution of Utilities	95	12	91.7	8.3	8.3	75.0	16.7	16.7	83.3	0	83.3	16.7	0	25.0	58.3	0	16.7	0
Amusement & kindred, N.E.C.	96	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	50.0	100.0	0	0	0
Graphic Art Work	97	17	29.4	70.6	11.8	76.5	11.8	11.8	58.8	29.4	94.1	5.9	5.9	29.4	17.6	5.9	0	5.9
PARTIALS & INVALID CODES	99	1,038	44.0	56.0	26.0	53.6	20.4	31.1	63.6	5.0	66.4	33.6	22 2	49.2	1.6	27.2	3.9	31.3

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of Need

A total of 64,399 individuals are projected to be in need of manpower services during Fiscal Year 1982 in the Mid-Cumberland Planning District. Table IX breaks this down into specific target groups which will be of interest to manpower planners.

The nonpoor (individuals with income above poverty level) represent over 87 percent of this total universe of need. The remaining 13 percent, numbering 8,417 are classified as poor. Among the poor, almost 95 percent are estimated to be disadvantaged.

Those who are disadvantaged are characterized as being either unemployed or underutilized persons. Approximately 73 percent of the disadvantaged are underutilized persons. The majority of these are individuals employed full time but having family income at or below the poverty level.

Of the total number of individuals unemployed during the year 1,662 are projected to be Vietnam veterans. It is expected that 3,908 veterans will need manpower services as well as 780 school dropouts and 4,002 welfare recipients.

TABLE XII

MID-CUMBERLAND DEVELOPMENT DISTRICT

UNIVERSE OF NEED FOR MANPOWER SERVICES

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	64,399
a. Poor	8,417
(1) Disadvantaged	7,944
(2) Other Poor	473
b. Nonpoor	55,982
(1) Near Poverty	14,082
(2) All other Nonpoor	41,900
2. Unemployed and Underutilized, Disadvantaged, Total	7,944
a. Unemployed	2,156
b. Underutilized	5,788
(1) Employed part-time for economic reasons	1,893
(2) Employed full-time but with family income at or below poverty level	1,341
(3) Not in labor force but should be	2,554
3. Total Number of Different Individuals Unemployed in year.	44,547
4. Vietnam Veterans-unemployed	650
5. Total veterans (needing manpower services)	3,815
6. School Dropouts during '79 school year	780
7. Welfare recipients (families)	4,002
8. Female Heads of Households	12,319
a. Disadvantaged - Female Heads of Households	4,932

VI. ECONOMICALLY DISADVANTAGED

A. Barriers to Employment

There are numerous barriers to employment for the above mentioned groups, but the following should be given careful consideration by planners and agency officials.

1. Lack of marketable skills
2. Inadequate child care facilities
3. Insufficient transportation
4. Reluctance to relocate
5. Lack of initiative (unskilled persons may take home more pay by transfer payments than from working)
6. Lack of education
7. Incumbent insecurity

Although these are not all the barriers to employment for target groups, they are some of the most difficult to overcome.

B. Characteristics

Poverty level in 1970 was officially defined as an annual income per family or household of less than $3,968. Nationally, thirteen percent of all families earned less than the officially defined poverty level at that time. Other factors are taken into consideration in census indexes which provide a range of poverty income cutoffs adjusted by such factors as rural or urban residence, size of family, sex of head of household, and the number of dependent children under eighteen year old. Data derived from the 1970 census provides the basis for the 1982 projections of the economically disadvantaged in the Mid-Cumberland District as shown in Table

TABLE XIII

ECONOMICALLY DISADVANTAGED

County	1982 Population Projections	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Cheatham	21,015	13,199	17.3	3,636	324	8.9
Dickson	30,887	21,977	19.0	5,869	816	13.9
Houston	6,821	5,853	25.9	1,767	*	*
Humphreys	15,658	13,560	20.9	3,273	209	6.4
Montgomery	80,492	62,721	21.6	17,386	6,346	36.5
Robertson	35,622	29,102	22.0	7,837	2,571	32.8
Rutherford	84,027	59,428	18.8	15,797	4,028	25.5
Stewart	9,633	7,319	31.4	3,025	*	*
Sumner	81,251	56,266	16.1	13,081	2,185	16.7
Trousdale	5,878	5,155	34.6	2,034	504	24.8
Williamson	62,253	34,423	17.2	10,708	3,405	31.8
Wilson	50,421	36,999	18.4	9,277	2,440	26.3
Mid-Cumberland	483,958	346,002	19.4	93,690	22,828	24.4

* This information is not available from the Census Bureau due to insufficient sample size (less than 400 minority population in the county).

TABLE XIV

FEMALE HEADS OF HOUSEHOLDS
AND
ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

Area	1982 Projected Population	Female Heads of Household	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Cheatham	21,015	399	1.9	126	.6	31.6
Dickson	30,887	803	2.6	247	.8	30.8
Houston	6,821	198	2.9	102	1.5	51.5
Humphreys	15,658	329	2.1	172	1.1	52.3
Montgomery	80,492	2,576	3.2	1,288	1.6	50.0
Robertson	35,622	891	2.5	356	1.0	40.0
Rutherford	84,027	2,185	2.6	840	1.0	38.4
Stewart	9,633	260	2.7	87	.9	33.5
Sumner	81,251	1,706	2.1	650	.8	38.1
Trousdale	5,878	217	3.7	112	1.9	51.6
Williamson	62,253	1,494	2.4	498	.8	33.3
Wilson	50,421	1,261	2.5	454	.9	36.0
Mid Cumberland	483,958	12,319	2.5	4,932	1.0	40.0

Source: 1970 Census

VII. APPENDIX

A. References

SUMMARY MANPOWER INDICATORS for Mid-Cumberland District Camps, State of Tennessee, 1970 Census of Population.

TENNESSEE ANNUAL AVERAGE LABOR FORCE ESTIMATES, 1974-1975: Tennessee Department of Employment Security.

TENNESSEE ANNUAL AVERAGE LABOR FORCE ESTIMATES, 1979. Tennessee Department of Employment Security.

TENNESSEE ANNUAL CPS LABOR FORCE SUMMARIES BY COUNTY, Revised Historical Series, 1970-1973. Tennessee Department of Employment Security.

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TENNESSEE COVERED EMPLOYMENT AND WAGES BY INDUSTRY STATEWIDE AND BY COUNTY, 1970. Tennessee Department of Employment Security.

TENNESSEE COVERED EMPLOYMENT AND WAGES BY INDUSTRY STATEWIDE AND BY COUNTY, 1977.

TENNESSEE EMPLOYMENT OUTLOOK REGIONAL ESTIMATE FOR OCCUPATIONS, 1970-1980. Tennessee Department of Employment Security.

TENNESSEE MIGRATION, POPULATION, FAMILIES, INCOME, AND MANPOWER DEMANDS PROJECTIONS TO 1990 FOR DEVELOPMENT DISTRICTS AND COUNTIES. The Tennessee State Planning Office, July, 1974.

B. Mid-Cumberland Area Employment & Training Offices and Employability Development Centers

Clarksville, (Montgomery County)
224 South Second Street 37040

Dickson (Dickson County)
Box 581, Oak Avenue and Henslee Drive 37055

Gallatin (Sumner County)
200 East Franklin Street 37066

Lebanon (Wilson County)
Box 100, 328 North Cumberland Street 37087

Nashville (Davidson County)
301 James Robertson Parkway 37201

Madison (Davidson County)
752 Madison Square Shopping Center 37115

Nashville (Davidson County)
2702 Nolensville Road 37204

Nashville (Davidson County)
1802 Hayes Street 37203

Murfreesboro (Rutherford County)
220 East Vine Street 37130

C. Unemployment Insurance

Dickson (Dickson County)
P. O. Box 706
70 By-Pass West 37055

Nashville (Davidson County)
P. O. Box 1160
1517 Church Street 37203

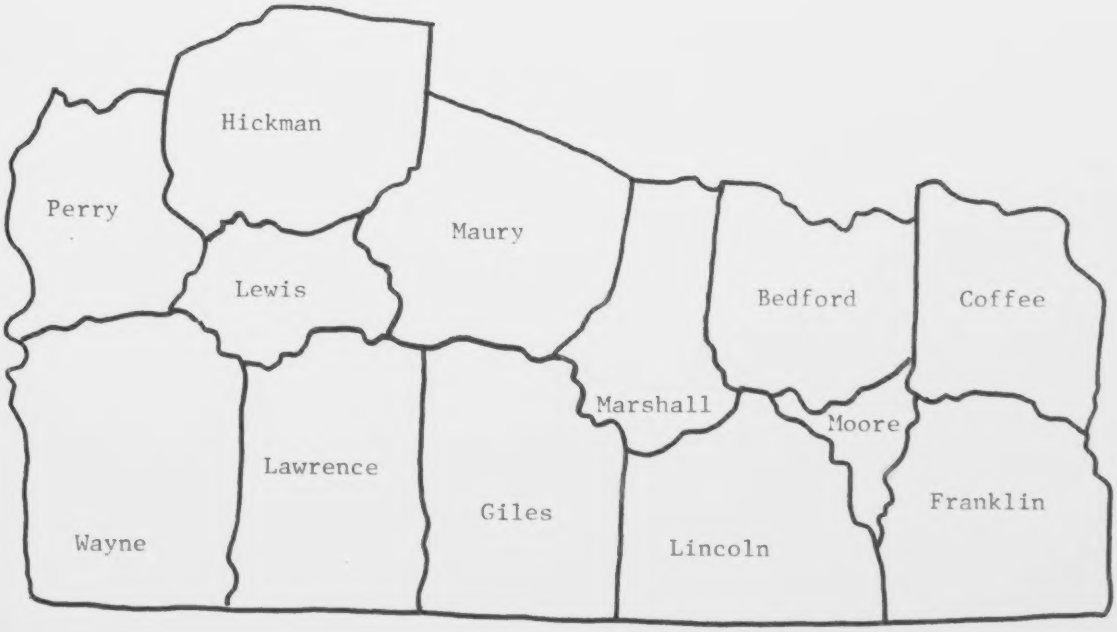
Clarksville (Montgomery County)
P. O. Box 1045
10 Main Street 37040

Murfreesboro (Rutherford County)
P. O. Box 1135
210 East Vine Street 37130

Lebanon (Wilson County)
P. O. Box 100
506-E West Main Street 37087

Gallatin (Sumner County)
P. O. Box 57
560-B West Main Street 37066

SOUTH CENTRAL DEVELOPMENT DISTRICT


Hickman
Perry
Maury
Lewis
Bedford
Coffee
Marshall
Moore
Wayne
Lawrence
Giles
Lincoln
Franklin

PREPARED BY:

Sarah Caldwell
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Columbia
(615) 388-5062

SOUTH CENTRAL TENNESSEE DEVELOPMENT DISTRICT

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I. 1970 POPULATION AND 1982 PROJECTIONS BY RACE/SEX VII-4

I. HIGHLIGHTS AND CONCLUSIONS

The South Central Development District is an association of 13 counties in the southern portion of Middle Tennessee. The location, topography, and natural resources make the area attractive for new industry. While additional industrial sites are needed to entice the location of higher paying firms, prospects for the coming year include some new plants as a result of foreign investments.

To make improvements in the economy of South Central Tennessee during this economic slump, innovative techniques will be required to promote and conserve energy, to improve transportation, and to develop industrial sites. Inflation and high interest rates make the outlook for expansion of existing industries and the building of new plants somewhat bleak. The housing industry -- particularly builders of single family dwellings--and automotive related businesses are suffering due to high loan costs.

An unemployment rate of 6.9 percent is projected for 1982. A problem existing in several of the counties is that one plant employs a large percent of the county's labor force. This over-dependence on one product or industry results in periods of high unemployment rates.

Training programs (including Job Corps, TAT, and CETA) will continue to be available for persons in target groups which require these services to help them become job ready.

II. DESCRIPTION OF AREA

Thirteen counties in southern middle Tennessee make up the South Central Planning Area. Bounded roughly by the Cumberland Plateau on the east and the Tennessee River on the west, the district includes the following counties: Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, and Wayne. The topography varies from low mountainous to gently rolling terrain.

Natural resources are similar in all the counties with much of the region's land devoted to agriculture. There is an abundant supply of limestone rock and phosphate continues to be important to this area. Water is another abundant resource, with the region having several large reservoirs and rivers. The Duck, Elk, Buffalo, and Tennessee are major rivers in the area. Timber resources represent economic potential for the area, particularly for the counties in the western portion.

III. DISTRICT DEMOGRAPHIC DATA

Projections indicate that by calendar year 1982, the South Central Area will have 292,251 inhabitants--a 14.2 percent increase since 1970. Females will make up 51.3 percent of the population, compared to 48.7 percent males. Whites will comprise 91.3 percent of the area's population, while 8.66 percent will be black and .04 percent other minorities.

The highest percentage population gain will come in the 20-24 year old bracket. White males will have increased 15.4 percent since 1970, white females 14.3 percent, black males 5.8 percent and black females 9.3 percent. This data is shown by age, sex, and race in the following tables.

GRAPH I

South Central

1982 Population and Labor Force Projections by Race/Sex

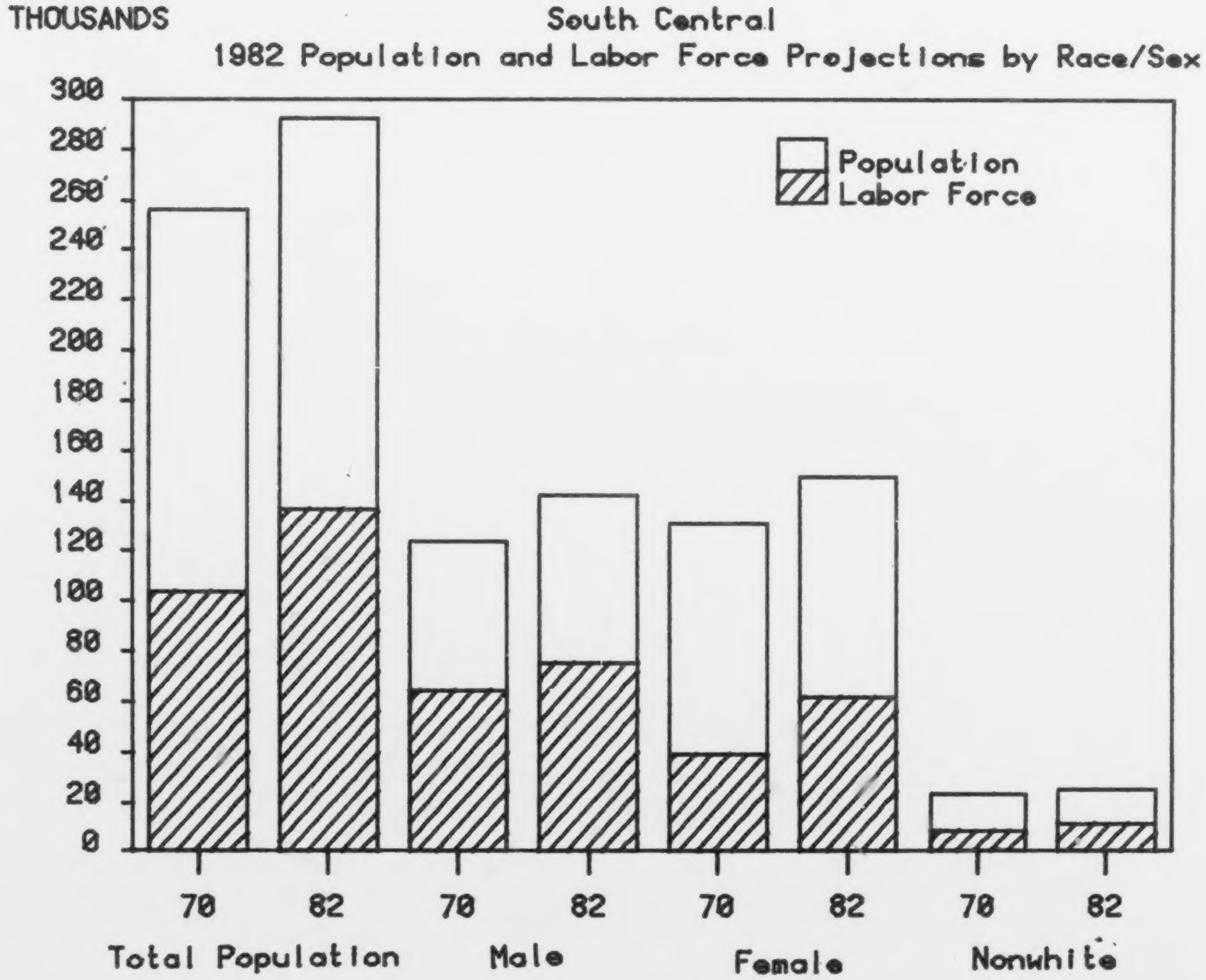


TABLE I

SOUTH CENTRAL TENNESSEE

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	21,595	18,847	2,736	12	11,036	10,559
5-9	20,452	18,154	2,285	12	10,470	9,982
10-14	23,337	21,249	2,088	0	12,196	11,141
15-19	26,555	23,528	3,006	21	13,514	13,042
20-24	23,601	20,506	3,079	16	12,242	11,359
25-29	23,858	21,776	2,078	4	12,072	11,786
30-34	21,769	20,502	1,252	14	10,458	11,311
35-39	19,112	18,050	1,054	8	9,666	9,445
40-44	15,800	14,778	1,011	12	7,669	8,131
45-49	14,902	13,894	1.000	9	6,969	7,933
50-54	15,627	14,719	894	14	7,450	8,177
55-59	15,397	14,464	933	0	7,437	7,961
60-64	13,603	12,688	915	0	6,185	7,418
65-69	12,786	11,735	1,051	0	5,872	6,914
70-74	9,986	9,180	802	4	4,086	5,899
75+	13,871	12,735	1,132	3	5,032	8,839
SPECIAL BREAKOUTS						
14-15	9,978	8,955	1,019	4	5,142	4,837
16-19	21,244	18,822	2,405	17	10,811	10,433
19 and Under	91,939	81,778	10,116	45	47,215	44,724
20-21	9,440	8,202	1,232	6	4,897	4,543
22-44	94,699	87,409	7,241	48	47,210	47,489
45-54	30,529	28,613	1,893	23	14,419	16,110
55 and Over	65,642	60,802	4,833	7	28,611	37,031
TOTAL	292,249	266,804	25,315	130	142,352	149,897

TABLE IA

SOUTH CENTRAL

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	21,045	18,493	21,595	550	2.6
5-9	24,889	21,619	20,452	-4,437	-17.8
10-14	26,421	26,900	23,337	-3,084	-11.7
15-19	20,463	23,713	26,555	6,092	29.8
20-24	15,218	19,794	23,601	8,383	55.1
25-29	16,152	15,433	23,858	7,706	47.7
30-34	14,626	18,065	21,769	7,143	48.8
35-39	14,288	16,100	19,112	4,824	33.8
40-44	15,506	15,267	15,800	294	1.9
45-59	15,948	16,087	14,902	-1,046	-6.6
50-54	14,827	16,273	15,627	800	5.4
55-59	14,584	14,945	15,397	813	5.6
60-64	12,911	14,749	13,603	692	5.4
65-69	10,676	12,587	12,786	2,110	19.8
70-74	7,791	9,850	9,986	2,195	28.2
75+	10,635	12,362	13,871	3,236	30.4
TOTAL	255,980	272,237	292,251	36,271	14.2

Special Breakouts for 1982

14-15	9,978
16-19	21,244
19 and Under	91,939
20-21	9,440
22-44	94,699
45-54	30,529
55 and Over	65,642

TABLE IB

SOUTH CENTRAL

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	9,740	8,178	9,653	-87	-1.0
5-9	11,157	10,008	9,331	-1,826	-16.4
10-14	12,198	12,219	11,137	-1,061	-8.7
15-19	9,276	10,862	11,926	2,650	28.6
20-24	6,424	8,868	10,695	4,271	66.5
25-29	7,533	6,497	11,131	3,598	47.8
30-34	6,593	8,580	9,883	3,290	49.9
35-39	6,149	7,418	9,243	3,094	50.3
40-44	6,959	6,648	7,262	303	4.4
45-49	7,294	7,276	6,521	-773	-10.6
50-54	6,547	7,433	7,057	510	7.8
55-59	6,504	6,563	6,990	486	7.5
60-64	5,427	6,362	5,824	397	7.3
65-69	4,448	5,251	5,436	988	22.2
70-74	2,992	3,992	3,751	759	25.4
75+	3,790	4,137	4,585	795	21.0
TOTAL	113,031	120,292	130,425	17,394	15.4

Special Breakouts for 1982

14-15	4,613
16-19	9,541
19 and Under	42,048
20-21	4,278
22-44	43,936
45-54	13,578
55 and Over	26,588

TABLE IC

SOUTH CENTRAL

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	8,997	7,779	9,194	197	2.2
5-9	11,017	9,251	8,823	-2,194	-19.9
10-14	11,151	11,904	10,112	-1,039	-9.3
15-19	8,856	9,997	11,602	2,746	31.0
20-24	7,423	8,652	9,811	2,388	32.2
25-29	7,424	7,567	10,644	3,220	43.4
30-34	6,869	8,283	10,619	3,750	54.6
35-39	6,969	7,514	8,807	1,838	26.4
40-44	7,472	7,452	7,516	44	0.1
45-49	7,511	7,738	7,373	-138	-1.8
50-54	7,119	7,736	7,662	543	7.6
55-59	6,857	7,282	7,474	618	9.0
60-64	6,377	7,265	6,864	487	7.6
65-69	5,246	6,355	6,298	1,052	20.1
70-74	4,104	5,004	5,429	1,325	32.3
75+	5,926	7,138	8,150	2,224	37.5
TOTAL	119,318	126,917	136,378	17,060	14.3

Special Breakouts for 1982

14-15	4,343
16-19	9,282
19 and Under	39,730
20-21	3,924
22-44	43,473
45-54	15,035
55 and Over	34,214

TABLE ID

SOUTH CENTRAL

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,198	1,275	1,376	178	14.9
5-9	1,396	1,225	1,133	-263	-18.8
10-14	1,547	1,428	1,058	-489	-31.6
15-19	1,095	1,439	1,572	477	43.6
20-24	637	1,061	1,538	901	141.4
25-29	490	631	938	448	91.4
30-34	483	488	570	87	18.0
35-39	537	481	420	-117	-21.8
40-44	477	531	407	-70	-14.7
45-49	576	477	444	-132	-22.9
50-54	496	548	385	-111	-22.4
55-59	544	459	446	-98	-18.0
60-64	510	482	361	-149	-29.2
65-69	484	432	435	-49	-10.1
70-74	313	408	335	22	7.0
75+	430	452	443	13	3.0
TOTAL	11,213	11,819	11,861	648	5.8

Special Breakouts for 1982

14-15	526
16-19	1,258
19 and Under	5,139
20-21	615
22-44	3,257
45-54	829
55 and Over	2,020

TABLE IE

SOUTH CENTRAL

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,110	1,247	1,360	250	22.5
5-9	1,300	1,135	1,153	-147	-11.3
10-14	1,510	1,330	1,029	-481	-31.9
15-19	1,236	1,400	1,434	198	16.0
20-24	721	1,213	1,541	820	113.7
25-29	697	725	1,140	443	63.6
30-34	668	705	682	14	2.1
35-39	623	674	634	11	1.8
40-44	581	626	603	22	3.8
45-49	567	577	555	-12	-2.1
50-54	665	556	509	-156	-23.5
55-59	679	641	487	-192	-28.3
60-64	592	640	554	-38	-6.4
65-69	494	544	616	122	24.7
70-74	382	443	467	85	22.3
75+	484	632	689	205	42.4
TOTAL	12,309	13,088	13,453	1,144	9.3

Special Breakouts for 1982

14-15	493
16-19	1,147
19 and Under	4,976
20-21	616
22-44	3,984
45-54	1,064
55 and Over	2,813

TABLE IF

SOUTH CENTRAL

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	0	7	6	6	0.0
5-9	14	0	6	-8	-57.1
10-14	9	14	0	-9	-100.0
15-19	0	9	16	16	0.0
20-24	5	0	10	5	100.0
25-29	4	5	3	-1	-25.0
30-34	0	4	4	4	0.0
35-39	4	0	4	0	0.0
40-44	11	4	0	-11	-100.0
45-49	0	11	3	3	0.0
50-54	0	0	9	9	0.0
55-59	0	0	0	0	0.0
60-64	0	0	0	0	0.0
65-69	4	0	0	-4	-100.0
70-74	0	3	0	0	0.0
75+	5	3	3	-2	-40.0
TOTAL	56	60	64	8	14.3

Special Breakouts for 1982

14-15	3
16-19	13
19 and Under	28
20-21	4
22-44	17
45-54	12
55 and Over	3

TABLE IG

SOUTH CENTRAL

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	0	7	6	6	0.0
5-9	5	0	6	1	20.0
10-14	6	5	0	-6	-100.0
15-19	0	6	6	6	0.0
20-24	8	0	7	-1	-12.5
25-29	4	8	1	-3	-75.0
30-34	13	5	10	-3	-23.1
35-39	6	13	4	-2	-33.3
40-44	6	6	12	6	100.0
45-49	0	6	5	5	0.0
50-54	0	0	5	5	0.0
55-59	0	0	0	0	0.0
60-64	5	0	0	-5	-100.0
65-69	0	5	0	0	0.0
70-74	0	0	4	4	0.0
75+	0	0	0	0	0.0
TOTAL	53	61	66	13	24.5

Special Breakouts for 1982

14-15	1
16-19	4
19 and Under	17
20-21	3
22-44	32
45-54	11
55 and Over	4

IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor

The projected labor force for the South Central District is 137,329 persons. Of that number, we expect 127,853 to be employed and 9,476 unemployed. The annual average unemployment rate for 1982 is projected at 6.9. This higher projection reflects the economic conditions prevalent in early 1981.

Since 1970, the civilian labor force will have increased 32.6 percent. White females have shown a 60.3 percent increase during this period--the largest increase of any group. White males in the labor force will increase 16.7 percent, minority males 17.1 percent, and minority females 44.8 percent. The projected labor force is 45.3 percent female and 54.7 percent male.

TABLE II

SOUTH CENTRAL TENNESSEE

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	4.016	3,555	461	2,388	1,627
18-19	6,704	5,928	777	3,573	3,131
20-24	18,792	16,201	2,591	10,383	8,410
25-34	39,849	36,954	2,895	20,202	19,648
35-44	28,479	26,700	1,779	15,255	13,224
45-64	34,586	31,996	2,590	20,069	14,516
65+	4,903	4,175	728	3,240	1,663
SPECIAL BREAKOUTS					
16-19	10,720	9,483	1,237	5,961	4,758
20-21	7,517	6,481	1,036	4,153	3,364
22-44	79,604	73,376	6,228	41,687	37,917
45-54	17,293	15,998	1,298	10,035	7,258
55 and Over	22,196	20,174	2,023	13,275	8,921
TOTAL	137,330	125,510	11,819	75,111	62,219

TABLE IIA

SOUTH CENTRAL

TOTAL LABOR FORCE

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	103,555	137,329	32.6	98,994	127,853	29.2	4,561	9,476	107.8	4.4	6.9
16-17	2,150	4,016	86.8								
18-19	4,206	6,704	59.4								
20-24	11,756	18,792	59.9	Information not available for age breakouts							
25-34	22,434	39,849	77.6								
35-44	21,705	28,479	31.2								
45-64	36,477	34,586	-5.2								
65 and over	4,827	4,903	1.6								
Special Breakouts for 1982											
16-19		10,720									
20-21		7,517									
22-44		79,604									
45-54		17,293									
55 and over		22,196									

TABLE IIB

SOUTH CENTRAL

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	59,535	69,492	16.7	57,447	66,006	14.9	2,088	3,486	67.0	3.5	5.0
16-17	1,302	2,111	62.1								
18-19	2,328	3,180	36.6								
20-24	6,155	9,156	48.8	Information not available for age breakouts							
25-34	13,327	18,905	41.9								
35-44	12,206	14,510	18.9								
45-64	21,260	18,791	-11.6								
65 and over	2,957	2,839	- 4.0								

Special Breakout 1982

16-19	5,291
20-21	3,662
22-44	38,909
45-54	9,396
55 and over	12,235

TABLE IIC

SOUTH CENTRAL

WHITE FEMALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	34,942	56,019	60.3	32,992	51,402	55.8	1,950	4,617	136.8	5.6	8.2
16-17	646	1,444	123.5								
18-19	1,447	2,747	89.8								
20-24	4,506	7,046	56.4	Information not available for age breakouts							
25-34	7,321	18,050	146.6								
35-44	7,758	12,190	57.1								
45-64	12,045	13,205	9.6								
65 and over	1,219	2,337	9.7								
Special Breakouts for 1982											
16-19		4,191									
20-21		2,818									
22-44		34,467									
45-54		6,602									
55 and over		7,939									

TABLE IID

SOUTH CENTRAL

NONWHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	4,796	5,618	17.1	4,538	5,013	10.5	258	605	134.5	5.9	12.1
16-17	138	277	100.7								
18-19	222	393	77.0								
20-24	576	1,227	113.0	Information not available for age breakouts							
25-34	855	1,296	51.6								
35-44	934	745	-20.2								
45-64	1,711	1,278	-25.3								
64 and over	360	402	11.7								
Special Breakouts for 1982											
16-19		670									
20-21		490									
22-44		2,778									
45-54		639									
55 and over		1,041									

TABLE IIE

SOUTH CENTRAL

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	4,282	6,200	44.8	4,017	5,432	35.2	265	768	189.8	6.6	14.1
16-17	64	184	187.5								
18-19	209	383	83.3								
20-24	519	1,364	162.8	Information not available for age breakouts							
25-34	931	1,598	71.6								
35-44	807	1,034	28.1								
45-64	1,461	1,311	-10.3								
65 and over	291	326	12.0								
Special Breakouts for 1982											
16-19		569									
20-21		546									
22-44		3,450									
45=54		656									
55 and over		982									

B. Characteristics of the Unemployed

The examination of a sample shows 57.0 percent of those persons receiving Unemployment Insurance are male and 43.0 percent are female. The largest number of claimants was in benchmark, while machine trades had the second highest number. Most claimants were 22 years of age or older, and had between 9 and 12 years of education. Minority races accounted for 9.6 percent of the claimants. Disadvantaged claimants made up 10.3 percent of the total; 11.0 percent were veterans, and 7.3 percent were receiving welfare. The following two tables contain detailed information regarding Unemployment Compensation claimants.

TABLE III

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	2,456	*PERCENT
0-1 Professional, Technical, Managerial	84	3.4
2 Clerical and Sales	351	14.3
3 Services	158	6.4
4 Farming, Fisheries, Forestry	23	0.1
5 Processing	188	7.6
6 Machine Trades	429	17.5
7 Benchwork	512	20.8
8 Structural Work	371	15.1
9 Miscellaneous	315	12.8
Partials and Invalid Claims	25	1.0

SEX	PERCENT
Males	57.0
Females	43.0
AGE	
0-21	15.0
22 and over	85.0
RACE	
White	90.4
Black	9.4
Other	.2

EDUCATION	PERCENT
0-8	17.5
9-12	74.1
13-16	8.1
MISCELLANEOUS	
Disadvantaged	10.3
Veteran	11.0
Handicapped	3.3
Welfare	7.3
Foodstamp	3.0

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
South Central		2,456	57.0	43.0	15.0	63.9	21.1	17.5	74.1	8.1	90.4	9.4	0.2	10.3	11.0	7.3	3.3	3.0
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	84	44.0	56.0	1.2	77.4	21.4	1.2	58.3	36.6	94.0	3.6	2.4	4.8	17.9	0	3.6	6.0
Prof. & Tech.	00-16	44	29.5	70.5	0	84.1	15.9	0	50.0	40.9	93.2	2.3	4.5	6.8	15.9	0	2.3	6.8
Architecture & Engineering	00-01	2	50.0	50.0	0	50.0	50.0	0	100.0	0	100.0	0	0	0	0	0	0	50.0
Math & Phy. Science	02	0																
Life Science	04	4	25.0	75.0	0	100.0	0	0	25.0	25.0	100.0	0	0	0	0	0	0	25.0
Social Science	05	0																
Medicine & Health	07	12	25.0	75.0	0	75.0	25.0	0	83.3	16.7	91.7	8.3	0	25.0	25.0	0	0	8.3
Education	09	13	15.4	84.6	0	92.3	7.7	0	7.7	76.9	84.6	0	15.4	0	0	0	0	0
Museum & Archival Ser.	10	0																
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	0																
Art	14	0																
Entertainment & Recreation	15	0																
Administrative Specializations	16	13	46.2	53.8	0	84.6	15.4	0	61.5	38.5	100.0	0	0	0	30.8	0	7.7	0
Managerial	18	33	69.7	30.3	3.0	66.7	30.3	3.0	69.7	27.3	100.0	0	0	3.0	21.2	0	6.1	3.0
Miscellaneous Professional, Tech.	19	7	14.3	85.7	0	85.7	14.3	0	57.1	42.9	71.4	28.6	0	0	14.3	0	0	14.3
CLERICAL & SALES	2	351	20.2	79.8	14.8	64.7	20.5	5.7	77.8	16.5	94.9	5.1	0	6.8	5.4	0	3.7	0.7
Clerical	20-24	275	14.2	85.8	16.0	65.8	18.2	2.5	81.5	16.0	94.2	5.8	0	5.8	4.7	0	2.9	0.4
Typing, Filing, & Related Work	20	94	2.1	97.9	18.1	69.1	12.8	1.1	84.0	14.9	90.4	9.6	0	3.2	4.3	0	3.2	0
Computing & Account Recording	21	120	5.0	95.0	15.8	66.7	17.5	2.5	78.3	19.2	96.7	3.3	0	5.8	0.8	0	3.3	0
Material & Production Recording	22	40	67.5	32.5	17.5	60.0	22.5	7.5	85.0	7.5	92.5	7.5	0	10.0	17.5	0	0	2.5
Infor. & Message Distribution	23	12	0	100.0	0	50.0	50.0	0	100.0	0	100.0	0	0	8.3	0	0	0	0
Misc. Clerical	24	9	44.4	55.6	11.1	66.7	22.2	0	55.6	44.4	100.0	0	0	11.1	11.1	0	11.1	0
Sales	25-29	76	42.1	57.9	10.5	60.5	28.9	17.1	64.5	18.4	97.4	2.6	0	10.5	7.9	0	6.6	1.3
Salesperson, Ser.	25	7	42.9	57.1	0	85.7	14.3	14.3	42.9	42.9	100.0	0	0	0	0	0	42.9	0
Salespersons, Commodities	26-28	27	37.0	63.0	7.4	66.7	25.9	18.5	55.6	25.9	96.3	3.7	0	14.8	0	0	0	0
Merchandising, except Sales	29	42	45.2	54.8	14.3	52.4	33.3	16.7	73.8	9.5	97.6	2.4	0	9.5	14.3	0	4.8	2.4

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	158	31.6	68.4	15.2	55.1	29.7	20.9	72.8	6.3	83.5	16.5	0	17.7	12.7	5.1	5.7	4.4
Domestic	30	9	11.1	88.9	11.1	66.7	22.2	11.1	77.8	11.1	55.6	44.4	0	44.4	0	11.1	0	0
Other Service	31-38	149	32.9	67.1	15.4	54.4	30.2	21.5	72.5	6.0	85.2	14.8	0	16.1	13.4	4.7	6.0	4.7
Food Preparation & Service	31	65	26.2	73.8	18.5	49.2	32.3	20.0	73.8	6.2	90.8	9.2	0	12.3	10.8	3.1	9.2	4.6
Lodging & kindred	32	7	0	100.0	14.3	28.6	57.1	71.4	28.6	0	100.0	0	0	0	0	0	0	0
Barbering & kindred	33	3	0	100.0	0	66.7	33.3	0	100.0	0	100.0	0	0	0	0	0	0	0
Amusement & kindred	34	1	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0	0	0	0	0	0
Misc. Personal Ser.	35	19	10.5	89.5	31.6	52.6	15.8	5.3	89.5	5.3	73.7	26.3	0	31.6	0	15.8	0	0
Apparel & Furnish.	36	18	11.1	88.9	5.6	61.1	33.3	16.7	83.3	0	88.9	11.1	0	0	0	0	5.6	5.6
Protective Service	37	17	88.2	11.8	5.9	82.4	11.8	5.9	70.6	23.5	76.5	23.5	0	29.4	70.6	0	5.9	5.9
Building & kindred	38	19	68.4	31.6	10.5	52.6	36.8	47.4	52.6	0	73.7	26.3	0	26.3	5.3	10.5	5.3	10.5
FARMING, FISHERY, FORESTRY	4	23	82.6	17.4	30.4	47.8	21.7	21.7	69.6	8.7	95.7	4.3	0	21.7	8.7	0	4.3	13.0
Plant Farming	40	8	75.0	25.0	12.5	87.5	0	12.5	17.5	25.0	87.5	12.5	0	37.5	25.0	0	0	12.5
Animal Farming	41	2	50.0	50.0	0	0	100.0	50.0	50.0	0	100.0	0	0	0	0	0	0	0
Misc. Farming	42	5	100.0	0	40.0	60.0	0	20.0	80.0	0	100.0	0	0	0	0	0	20.0	20.0
Fishery & kindred	44	0																
Forestry	45	8	87.5	12.5	50.0	12.5	37.5	25.0	75.0	0	100.0	0	0	25.0	0	0	0	12.5
Agricultural Service	46	0																
PROCESSING	5	188	91.5	8.5	15.4	63.3	21.3	25.5	69.7	4.8	71.8	27.7	0.5	4.3	12.8	0.5	1.6	2.1
Metal	50	12	100.0	0	8.3	50.0	2.7	33.3	66.6	0	58.3	41.7	0	33.3	25.0	0	0	8.3
Refining & Foundry	51	56	98.2	1.8	8.9	39.3	51.8	57.1	42.9	0	62.5	35.7	1.8	0	19.6	0	3.6	3.6
Food & kindred	52	8	100.0	0	37.5	37.5	25.0	50.0	50.0	0	87.5	12.5	0	12.5	12.5	0	12.5	0
Paper & kindred	53	0																
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	92	91.3	8.7	18.5	79.3	2.2	5.4	85.9	8.7	76.1	23.9	0	2.2	7.6	0	0	0
Wood & Wood Products	56	1	0	100.0	100.0	0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0
Stone, Clay & kindred	57	7	100.0	0	14.3	85.7	0	0	100.0	0	85.7	14.3	0	0	0	0	0	1
Leather, Textiles & kindred	58	9	55.6	44.4	0	88.9	11.1	22.2	77.8	0	77.8	22.2	0	11.1	11.1	11.1	0	0
Processing, N.E.C.	59	3	33.3	66.7	33.3	33.3	33.3	33.3	33.3	33.3	100.0	0	0	33.3	33.3	0	0	0
MACHINE TRADES	6	429	59.2	40.8	10.0	63.9	26.1	15.4	80.7	3.5	90.2	9.8	0	7.7	13.8	1.2	4.0	2.8
Metal Machining	60	170	52.4	47.6	12.9	61.8	25.3	8.8	88.2	2.9	85.9	14.1	0	7.6	14.7	1.2	4.7	0
Metalworking, N.E.C.	61	51	80.4	19.6	2.0	72.5	25.5	15.7	80.4	3.9	94.1	5.9	0	7.8	13.7	0	2.0	3.9
Machine Repairmen	62-63	56	100.0	0	7.1	73.2	19.6	14.3	82.1	1.8	92.9	7.1	0	5.4	39.3	0	3.6	12.5
Paperworking	64	3	33.3	67.7	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Printing	65	7	28.6	71.4	14.3	71.4	14.3	0	85.7	14.3	71.4	28.6	0	0	0	0	0	0
Wood Machining	66	21	95.2	4.8	23.8	33.3	42.9	33.3	61.9	4.8	95.2	4.8	0	19.1	9.5	0	4.8	0
Machining Stone, Glass & kindred	67	0																
Textile	68	22	45.5	54.5	4.6	72.7	22.7	9.1	86.4	4.5	86.4	13.6	0	9.1	4.5	4.5	4.5	0
Machine Trades, N.E.C.	69	99	35.4	64.6	9.1	60.6	30.3	26.3	68.7	4.0	95.0	5.0	0	7.1	2.0	2.0	4.0	3.0

TABLE IV

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCHWORK (Fabrication, Assembly, & Repair)	7	512	36.7	63.3	19.5	61.3	19.1	16.6	78.1	5.3	93.4	6.5	0	7.4	3.9	0	2.2	2.2
Metal Products, N.E.C.	70	240	48.8	51.2	29.2	60.4	10.4	13.8	79.2	7.1	96.3	3.7	0	2.5	2.9	0	0	1.7
Scientific & Medical Good & kindred	71	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Electrical Equipment	72	32	46.9	53.1	21.9	71.9	6.2	3.1	78.1	18.8	87.5	12.5	0	3.1	9.4	0	3.1	0
Products from Assorted Materials	73	23	52.2	47.8	17.4	60.8	21.7	21.7	78.3	0	87.0	13.0	0	0	8.7	0	0	4.4
Painting & kindred	74	15	100.0	0	13.3	80.0	6.7	0	100.0	0	100.0	0	0	20.0	26.7	0	6.7	0
Plastics, Rubber & kindred	75	14	71.4	28.6	35.7	50.0	14.3	21.4	64.3	14.3	100.0	0	0	21.4	0	0	7.1	14.3
Wood Products	76	6	66.7	33.3	16.7	66.7	16.7	0	100.0	0	83.3	16.7	0	0	0	0	16.7	0
Sand, Stone & kindred Products	77	2	100.0	0	0	50.0	50.0	0	100.0	0	100.0	0	0	0	0	0	0	50.0
Textile, Leather & kindred Proudcts	78	179	6.7	93.3	6.2	59.8	34.1	24.0	74.9	1.1	90.5	8.9	.1	14.0	1.7	1.1	3.9	1.7
Benchwork, N.E.C.	79	0																
STRUCTURAL WORK	8	371	94.6	5.4	14.6	69.5	15.9	25.3	66.9	7.8	93.5	6.5	0	16.2	19.7	0	2.7	4.0
Metal FAbricating, N.E.C.	80	46	82.6	17.4	26.1	67.4	6.5	17.4	73.9	8.7	93.5	6.5	0	13.0	13.0	0	4.4	2.2
Welders & kindred	81	44	95.5	4.5	18.2	81.8	0	20.5	7.5	4.5	97.7	2.3	0	13.6	20.5	0	0	2.3
Electrical	82	41	90.2	9.8	7.3	85.4	7.3	9.8	70.7	19.5	95.1	4.9	0	12.2	31.7	0	2.4	4.9
Painting, Plastering & kindred	84	14	100.0	0	7.1	50.0	42.9	42.9	50.0	7.1	85.7	14.3	0	14.3	28.6	0	7.1	0
Excavating & kindred	85	36	100.0	0	5.6	69.4	25.0	36.1	61.1	2.8	94.4	5.6	0	19.4	27.8	0	0	5.6
Construction	86	173	97.1	2.9	16.2	64.7	19.1	29.5	63.6	6.9	91.9	8.1	0	17.9	15.6	0	2.3	4.6
Structural, N.E.C.	89	17	94.1	5.9	0	70.6	29.4	17.7	76.5	5.9	100.0	0	0	17.7	23.5	0	11.8	5.9
MISCELLANEOUS	9	315	77.8	22.2	17.5	62.2	20.3	23.8	70.5	5.4	90.8	9.2	0	14.6	11.4	0	3.8	4.4
Motor Freight, Transportation	90-91	102	98.0	2.0	13.7	61.8	24.5	24.5	70.6	3.9	96.1	3.9	0	19.6	18.6	1.0	6.9	8.8
Packaging & Material Handling	92	196	67.9	32.1	20.4	61.7	17.9	24.5	68.9	6.6	88.3	11.7	0	11.7	7.7	0	1.5	2.6
Other Misc.	93-97	17	70.6	29.4	5.9	70.6	23.5	11.8	88.2	0	88.2	11.8	0	17.7	11.8	0	11.8	0
Extraction of Minerals	93	5	80.0	20.0	20.0	80.0	0	20.0	80.0	0	80.0	20.0	0	0	0	0	20.0	0
Production & Distribution of Utilities	95	2	100.0	0	0	50.0	50.0	50.0	50.0	0	100.0	0	0	50.0	50.0	0	0	0
Amusement & kindred, N.E.C.	96	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Graphic Art Work	97	8	50.0	50.0	0	62.5	37.5	0	100.0	0	87.5	12.5	0	25.0	12.5	0	12.5	0
PARTIALS & INVALID CODES	99	25	52.0	48.0	12.0	76.0	12.0	16.0	76.0	8.0	84.0	16.0	0	24.0	12.0	4.0	8.0	4.0

*W - White, B - Black, O - Other

C. Industry

Agriculture continues to be important to this area--an average of 6,450 persons are employed in the industry. However, the district is moving from an economy dominated by agriculture toward an industrialized employment base.

The largest portion of the area's manufacturing employment is in industries related to apparel and metal fabrication. Aero space and research industries are significant in the eastern part of the district.

The economic recession is reflected in the "Nonagricultural Wage & Salary Employment by Industry" table which follows. The employment decrease is particularly reflected in manufacturing, with 2,650 fewer persons employed than in the previous year. Within manufacturing, metals and machinery and transportation equipment show the largest numerical decrease. The largest net increase was in government, which employed 690 additional persons.

TABLE V

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
Total	93,000	91,330	-1,670	-1.8
Manufacturing	42,800	40,150	-2,650	-6.2
Durable Goods	20,960	19,220	-1,740	-8.3
Lumber	1,190	1,190	0	0
Furniture	280	230	-50	-17.9
Stone, Clay & Glass	640	510	-130	-20.3
Metals & Machinery	7,460	6,590	-870	-11.7
Transportation Equipment	6,210	5,350	-860	-13.9
Misc. Mfg. & All Other Durable Goods	5,180	5,350	170	3.3
Nondurable Goods	21,840	20,930	-910	-4.2
Food	2,090	2,150	60	2.3
Textiles	1,070	980	-90	-8.4
Apparel	9,960	9,840	-120	-1.2
Paper	790	790	0	0
Printing	910	700	-210	-23.1
Chemicals	1,840	1,870	30	1.6
Rubber & Misc. Plastic	2,070	1,770	-300	-14.5
Leather	3,110	2,830	-280	-9.0
Nonmanufacturing	50,200	51,180	980	2.0
Contract Construction	4,310	4,190	-120	-2.8
Transportation	2,230	2,170	-60	-2.7
Trade	12,500	12,730	230	1.8
Finance, Ins., & Real Estate	2,660	2,760	100	3.8
Service	11,910	12,190	280	2.4
Government	15,630	16,320	690	4.4
All Other Nonmanufacturing	960	820	-140	-14.6

TABLE VI

SOUTH CENTRAL TENNESSEE

PROJECTED EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1982	Avg. Annual* Job Openings
Total All Occupations	89,751	107,670	20.0	4,597
Professional, Technical and Kindred	9,159	10,210	11.5	373
Managers, Officials and Proprietors	6,335	8,543	34.9	382
Sales Workers	4,414	6,322	43.2	350
Clerical Workers	9,161	11,751	28.3	656
Crafts and Kindred Workers	13,933	15,771	13.2	404
Operatives	26,883	36,706	36.5	1,750
Service Workers	9,837	10,428	6.0	523
Laborers, Except Farm	3,986	4,201	5.4	94
Farmers & Farm Workers	6,043	3,860	-36.1	-63

*Job openings represent the total openings due to industrial expansion demand and openings due to separations.

Source: Tennessee Department of Employment Security "Employment Outlook"

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESAR ANALYSIS

The number of available applicants registered with Employment and Training offices in the South Central District is shown in the following tables. Females accounted for 52.1 percent of the applicants, males 47.9 percent. Racial composition was 85 percent white and 15 percent minority. Most applicants (75.8 percent) were over 21 years of age; 70.1 percent had between 9 and 12 years of education.

More applicants are found in the clerical and sales occupational category than in any other, while benchwork is second. An interesting figure is the high percentage of applicants (32.9 percent) who are disadvantaged. This is probably due to the mandatory registration required of certain persons receiving food stamps, families with dependent children, and disadvantaged persons wanting to work in CETA programs.

TABLE VII

ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	3.4
2 Clerical and Sales	17.0
3 Services	15.2
4 Farming, Fisheries, Forestry	2.3
5 Processing	4.0
6 Machine Trades	11.0
7 Benchwork	16.5
8 Structural Work	13.4
9 Miscellaneous	12.1
Partials and Invalid Claims	5.0

SEX	PERCENT
Males	47.9
Females	52.1
AGE	
0-21	24.2
22 and over	75.8
RACE	
White	85.0
Nonwhite	15.0
Nonwhite Females	8.6

EDUCATION	PERCENT
0-8	20.9
9-12	70.1
13-16	8.6
MISCELLANEOUS	
Disadvantaged	32.9
Veteran	9.7
Handicapped	6.0
Welfare	11.4
Foodstamp	10.6

*Percents may not add due to rounding.

Source: ESARS FY ending Sept. 30, 1980

TABLE VIII

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
South Central		6,719	47.9	52.1	24.2	59.1	16.7	20.9	70.1	8.6	85.0	15.0	8.6	32.9	9.7	11.4	6.0	10.6
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	226	45.1	54.9	6.6	79.2	14.2	0.9	51.3	42.5	91.6	8.4	5.7	18.1	20.8	2.7	4.0	6.2
Prof. & Tech.	00-16	137	40.9	59.1	8.8	80.3	10.9	0	43.8	47.4	89.8	10.2	6.6	17.5	19.7	3.6	2.9	7.3
Architecture & Engineering	00-01	22	90.9	9.1	22.7	68.2	9.1	0	59.1	40.9	90.9	9.1	0	27.3	36.4	0	0	18.2
Math & Phy. Science	02	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Life Science	04	6	16.7	83.3	0	100.0	0	0	16.7	50.0	100.0	0	0	0	0	0	0	0
Social Sciences	05	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	100.0	0
Medicine & Health	07	36	16.7	83.3	11.1	75.0	13.9	0	77.8	22.2	91.7	8.3	8.3	33.3	13.9	8.3	5.6	5.6
Education	09	34	32.4	67.6	2.9	82.4	14.7	0	2.9	67.6	79.4	20.5	17.6	11.8	5.9	5.9	0	8.8
Museum & Arch. Ser.	10	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0
Art	14	2	0	100.0	50.0	50.0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Entertainment & Recreation	15	2	50.0	50.0	50.0	50.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Administrative Specializations	16	31	51.6	48.4	0	90.3	9.7	0	48.4	51.6	93.5	6.5	0	6.5	35.5	0	3.2	3.2
Managerial	18	68	60.3	39.7	2.9	73.5	23.5	2.9	69.1	27.9	98.5	1.5	0	20.6	22.1	1.5	7.4	4.4
Miscellaneous Professional, Tech.	19	21	23.8	76.2	4.8	90.5	4.8	0	42.9	57.1	81.0	19.0	19.0	14.3	23.8	0	0	4.8
CLERICAL & SALES	2	1,143	15.3	84.7	26.2	62.8	10.9	4.1	75.0	20.9	89.8	10.2	8.5	19.6	5.2	6.0	4.5	3.3
Clerical	20-24	927	10.6	89.4	26.2	64.0	9.8	3.1	75.4	21.5	89.4	10.6	9.0	19.6	4.7	6.4	4.0	3.0
Typing, Filing, & Related Work	20	349	2.3	97.7	27.8	66.2	6.0	1.1	71.6	27.2	88.3	11.7	11.2	14.6	2.6	5.2	2.0	2.3
Computing & Account Recording	21	405	4.7	95.3	26.7	63.7	9.6	3.2	78.5	18.3	91.1	8.9	8.1	21.7	2.2	6.9	5.2	2.5
Material & Production Recording	22	96	65.6	34.4	22.9	60.4	16.7	9.4	80.2	10.4	88.5	11.5	1.0	18.7	22.9	2.1	1.0	8.3
Infor. & Message Distribution	23	50	4.0	96.0	22.0	58.0	20.0	2.0	80.0	18.0	96.0	4.0	4.0	26.0	4.0	12.0	8.0	4.0
Misc. Clerical	24	27	22.2	77.8	18.5	63.0	18.5	7.4	51.9	40.7	70.3	29.6	29.6	44.4	7.4	18.5	14.8	0
Sales	25-29	216	35.6	64.4	26.4	57.9	15.7	8.3	73.1	18.5	91.2	8.8	6.5	19.4	6.9	4.6	6.9	4.6
Salesperson, Ser.	25	12	50.0	50.0	8.3	83.3	8.3	8.3	58.3	33.3	100.0	0	0	8.3	0	0	16.7	8.3
Salespersons, Commodities	26-28	74	39.2	60.8	23.0	55.4	21.6	10.8	66.2	23.0	91.9	8.1	5.4	20.3	5.4	1.4	4.1	1.4
Merchandising, except Sales	29	130	32.3	67.7	30.0	56.9	13.1	6.9	78.5	14.6	90.0	10.0	7.7	20.0	8.5	6.9	6.9	6.2

TABLE VIII

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	1,020	19.4	80.6	26.7	48.6	24.7	33.7	62.5	3.6	72.4	27.6	21.3	58.2	5.0	32.3	12.6	10.6
Domestic	30	224	2.2	97.8	8.9	44.2	46.9	57.6	42.0	0.4	61.6	38.4	37.9	84.4	0	61.6	25.4	13.4
Other Service	31-38	796	24.2	75.8	31.7	49.9	18.5	27.0	68.3	4.5	75.4	24.6	16.6	50.9	6.4	24.0	9.0	9.8
Food Preparation & Service	31	385	15.3	84.7	39.7	45.7	14.5	28.3	69.1	2.6	79.5	20.5	17.1	51.7	3.9	24.7	6.2	8.1
Lodging & kindred	32	49	4.0	96.0	22.4	55.1	22.4	44.9	55.1	0	63.3	36.7	34.7	73.5	0	44.9	10.2	8.2
Barbering & kindred	33	11	9.1	90.9	45.5	36.4	18.2	0	100.0	0	100.0	0	0	36.4	0	18.2	9.1	9.1
Amusement & kindred	34	3	66.7	33.3	33.3	33.3	33.3	0	100.0	0	100.0	0	0	33.3	0	0	0	66.7
Mis. Personal Ser.	35	145	4.8	95.2	28.3	56.6	15.2	18.6	71.7	9.7	81.4	18.6	17.9	51.0	1.4	30.3	11.0	7.6
Apparel & Furnish.	36	46	8.7	91.3	6.5	52.2	41.3	37.0	60.9	2.2	82.6	17.4	13.0	39.1	0	21.7	17.4	10.9
Protective Service	37	51	90.2	9.8	7.8	66.7	25.5	15.7	66.7	15.7	84.3	15.7	2.0	31.4	47.1	0	15.6	17.6
Building & kindred	38	106	67.9	32.1	32.1	46.2	21.7	30.2	67.0	2.8	47.2	52.8	15.1	53.8	9.4	17.0	9.4	14.2
FARMING, FISHERY, FORESTRY	4	158	82.3	17.7	44.3	38.0	17.7	38.6	58.9	2.5	84.2	15.8	3.2	58.2	5.1	16.5	10.8	22.2
Plant Farming	40	74	75.7	24.3	58.1	31.1	10.8	28.4	67.6	4.1	68.9	31.1	6.8	73.0	8.1	24.3	8.1	13.5
Animal Farming	41	15	73.3	26.7	33.3	46.7	20.0	20.0	73.3	6.7	100.0	0	0	20.0	0	0	13.3	0
Misc. Farming	42	49	91.8	8.2	34.7	38.8	26.5	61.2	38.8	0	95.9	4.1	0	53.1	2.0	14.3	12.2	36.7
Fishery & kindred	44	0																
Forestry	45	20	90.0	10.0	25.0	55.0	20.0	35.0	65.0	0	100.0	0	0	45.0	5.0	5.0	15.0	35.0
Agricultural Service	46	0																
PROCESSING	5	271	79.7	20.3	17.0	64.6	18.5	28.0	65.3	6.6	73.4	26.6	6.6	17.7	12.5	7.4	2.6	6.6
Metal	50	14	100.0	0	7.1	50.0	42.9	42.9	57.1	0	64.3	35.7	0	14.3	21.4	0	0	14.3
Refining & Foundry	51	66	98.5	1.5	12.1	39.4	48.5	56.1	43.9	0	62.1	37.9	0	6.1	18.2	0	4.5	7.6
Food & kindred	52	28	53.6	46.4	17.9	67.9	14.3	32.1	67.9	0	71.4	28.6	21.4	50.0	10.7	21.4	3.6	14.3
Paper & kindred	53	0																
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	116	88.8	11.2	19.0	77.6	3.4	9.5	81.9	8.6	78.4	21.6	3.4	6.9	11.2	1.7	0.9	1.7
Wood & Wood Products	56	2	0	100.0	50.0	50.0	0	0	100.0	0	50.0	50.0	50.0	50.0	0	0	0	0
Stone, Clay & kindred	57	15	66.7	33.3	20.0	86.7	0	13.3	40.0	46.7	93.3	6.7	0	33.3	6.7	13.3	0	33.3
Leather, Textiles & kindred	58	27	29.6	70.4	18.5	70.4	11.1	37.0	63.0	0	74.1	25.9	25.9	48.1	3.7	37.0	7.4	0
Processing, N.E.C.	59	3	33.3	66.7	33.3	33.3	33.3	33.3	33.3	33.3	100.0	0	0	33.3	33.3	0	0	0
MACHINE TRADES	6	738	60.4	39.6	15.9	64.2	19.9	17.1	79.0	3.7	87.9	12.1	5.6	22.9	14.4	5.6	4.9	9.3
Metal Machining	60	235	55.3	44.7	14.9	62.6	22.6	11.9	85.1	3.0	83.4	16.6	6.4	17.9	14.0	3.4	4.3	4.3
Metalworking, N.E.C.	61	88	71.6	28.4	11.4	71.6	17.0	14.8	80.7	4.5	93.2	6.8	1.1	19.3	14.8	4.5	2.3	5.7
Machine Repairmen	62-63	135	98.5	1.5	23.0	62.2	14.8	16.3	77.0	5.9	94.1	5.9	0	26.7	34.1	0.7	8.9	18.5
Paperworking	64	7	14.3	85.7	0	85.7	14.3	14.3	85.7	0	100.0	0	0	14.3	0	0	0	14.3
Printing	65	14	28.6	71.4	7.1	71.4	21.4	0	92.9	7.1	85.7	14.3	14.3	28.6	14.3	0	7.1	7.1
Wood Machining	66	50	86.0	14.0	26.0	46.0	28.0	34.0	64.0	2.0	96.0	4.0	2.0	38.0	10.0	6.0	4.0	16.0
Maching Stone, Glass & kindred	67	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	50.0	50.0	0	0	50.0
Textile	68	32	37.5	62.5	6.2	78.1	15.6	15.6	78.1	6.2	81.2	18.7	12.5	6.2	3.1	3.1	6.2	0
Machine Trades, N.E.C.	69	175	33.1	66.9	14.3	65.1	20.6	22.9	74.3	2.3	85.1	14.9	10.3	26.9	2.9	13.7	4.0	10.3

TABLE VIII

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	1,114	27.1	72.9	22.2	62.0	15.8	19.1	76.7	4.0	87.3	12.7	9.6	30.4	3.7	14.1	4.9	6.1
Metal Products, N.E.C.	70	357	46.5	53.5	30.3	60.8	9.0	13.4	79.8	6.4	90.8	9.2	4.8	14.0	4.2	6.4	1.4	4.5
Scientific & Medical Good & kindred	71	4	50.0	50.0	0	50.0	50.0	0	75.0	25.0	75.0	25.0	25.0	0	25.0	0	0	25.0
Electrical Equipment	72	86	27.9	72.1	23.3	68.6	8.1	1.2	86.0	12.8	90.7	9.3	7.0	11.6	7.0	4.7	5.8	3.5
Products from Assorted Materials	73	50	34.0	66.0	20.0	64.0	16.0	26.0	74.0	0	84.0	32.0	10.0	34.0	6.0	22.0	4.0	10.0
Painting & kindred	74	21	95.2	4.3	9.5	81.0	9.5	4.3	95.2	0	100.0	0	0	28.6	23.8	4.8	4.8	4.8
Plastics, Rubber & kindred	75	33	72.7	27.3	33.3	48.5	18.2	27.3	66.7	6.0	81.8	18.2	12.1	36.4	3.0	18.2	9.1	18.2
Wood Products	76	13	61.5	38.5	23.1	69.2	7.6	23.1	76.9	0	84.6	15.4	15.4	23.1	0	7.6	7.6	0
Sand, Stone & kindred Products	77	5	100.0	0	0	60.0	40.0	20.0	80.0	0	100.0	0	0	20.0	20.0	0	0	60.0
Textile, Leather & kindred Products	78	541	6.1	93.9	17.0	61.6	21.4	25.3	73.2	1.5	85.2	14.8	13.1	44.0	1.3	20.3	7.0	5.7
Benchwork, N.E.C.	79	4	75.0	25.0	25.0	75.0	0	0	100.0	0	25.0	75.0	25.0	50.0	50.0	25.0	0	50.0
STRUCTURAL WORK	8	903	95.6	4.4	22.9	64.6	12.5	25.7	67.8	6.4	89.9	10.1	0.4	29.9	21.9	2.7	4.7	17.1
Metal Fabricating, N.E.C.	80	85	83.5	16.5	22.4	68.2	9.4	17.6	74.1	8.2	92.9	7.1	0	22.4	20.0	2.4	4.7	11.8
Welders & kindred	81	93	95.7	4.3	24.7	72.0	3.2	15.1	80.6	4.3	92.5	7.5	1.1	23.7	28.0	2.2	4.3	10.8
Electrical	82	96	94.8	5.2	12.5	76.0	11.5	8.3	78.1	13.5	93.7	6.2	1.0	21.9	38.5	0	4.2	12.5
Painting, Plastering & kindred	84	43	95.3	4.7	9.3	69.8	20.9	41.9	55.8	2.3	83.7	16.3	0	30.2	20.9	0	7.0	32.6
Excavating & kindred	85	45	97.8	2.2	8.9	64.4	26.7	40.0	55.6	4.4	93.3	6.7	0	24.4	31.1	2.2	2.2	13.3
Construction	86	491	97.6	2.4	27.1	60.9	12.0	30.0	64.0	5.9	89.0	11.0	0.4	32.8	16.7	3.5	4.5	18.9
Structural, N.E.C.	89	50	96.0	4.0	24.0	54.0	22.0	24.0	72.0	4.0	84.0	16.0	0	46.0	26.0	4.0	8.0	18.0
MISCELLANEOUS	9	810	79.8	20.2	33.0	54.0	13.1	22.8	72.6	4.4	87.0	13.0	4.0	34.2	11.5	5.6	4.7	12.0
Motor Freight, Transportation	90-91	249	94.8	5.2	18.5	61.8	19.7	24.9	71.1	3.6	92.8	7.2	0.8	26.9	20.0	2.8	6.8	19.7
Packaging & Material Handling	92	535	73.3	26.7	40.7	49.2	10.1	22.2	72.7	5.0	84.1	15.9	5.4	38.1	7.3	7.1	3.6	8.6
Other Misc.	93-97	26	69.2	30.8	11.5	76.9	11.5	15.4	84.6	0	92.3	7.7	3.8	23.1	15.4	0	7.7	7.7
Extraction of Minerals	93	7	85.7	14.3	14.3	85.7	0	42.9	57.1	0	85.7	14.3	0	28.6	0	0	14.3	28.6
Production & Distribution of Utilities	95	3	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	66.7	0	0	0
Amusement & kindred, N.E.C.	96	3	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	33.3	33.3	0	0	0
Graphic Art Work	97	13	46.2	53.8	15.4	61.5	23.1	7.7	92.3	0	92.3	7.7	7.7	23.1	7.7	0	7.7	0
PARTIALS & INVALID CODES	99	336	42.6	57.4	25.6	47.3	27.1	36.0	57.7	6.2	80.4	19.6	14.0	46.4	3.9	14.6	5.7	32.1

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of Need

The Universe of Need for Manpower Services table lists the various target groups and the number of persons in each group. Projections for fiscal year 1982 indicate the number of individuals needing service will total 50,771. Of this total 8,079 will be classified as poor and 42,692 as nonpoor. Among the nonpoor, 10,221 are classified as near poverty. A total of 35,160 different individuals will be unemployed during 1982. Veterans, school dropouts, welfare recipients, and female heads of household will be large target groups requiring manpower services. A large percentage (39.5%) of the 7,958 female heads of household is classified as economically disadvantaged.

TABLE IX

UNIVERSE OF NEED FOR MANPOWER SERVICES

SOUTH CENTRAL TENNESSEE

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	50,771
a. Poor	8,079
(1) Disadvantaged	7,879
(2) Other Poor	200
b. Nonpoor	42,692
(1) Near Poverty	10,221
(2) All other Nonpoor	32,471
2. Unemployed and Underutilized Disadvantaged Total	7,879
a. Unemployed	1,758
b. Underutilized	6,121
(1) Employed part-time for economic reasons	801
(2) Employed full-time but with family income at or below poverty level	3,884
(3) Not in labor force but should be	1,436
3. Total Number of Different Individuals Unemployed in year	35,160
4. Vietnam Veterans-unemployed	510
5. Total veterans (needing manpower services)	7,550
6. School Dropouts during '79 school year	730
7. Welfare recipients (families)	2,533
8. Female Heads of Households	7,958
a. Disadvantaged - Female heads of Households	3,143

VI. ECONOMICALLY DISADVANTAGED

The projected number of disadvantaged persons for 1982 is shown in Table X. Of the development district's total population, 23.9 percent fall within this classification. Disadvantaged minorities make up 3.9 percent of the population and disadvantaged female heads of households 1.1 percent. The number of disadvantaged in Table X is significantly higher than the number shown in the "Universe of Need", Table IX, because the projection of disadvantaged in Table X is based on 1970 census data and reflects a different methodology. A significant point is that 39.5 percent of the female heads of household are disadvantaged. Disadvantaged individuals have many problems to overcome in order to become gainfully employed. These applicants often have low levels of education and skills which make it difficult to obtain a job. Physical or mental handicaps compound the problem for disadvantaged and minority individuals. Often, lack of public transportation presents a barrier. Additionally, there is lack of information about employment opportunities, inadequate child care facilities, and lack of motivation --barriers the disadvantaged have to overcome when seeking employment.

TABLE X

ECONOMICALLY DISADVANTAGED

County	1982 Population Projections	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Bedford	26,448	25,039	21.3	5,633	1,205	21.4
Coffee	35,249	32,572	19.7	6,944	625	9.0
Franklin	30,932	27,289	24.7	7,640	993	13.0
Giles	22,364	22,138	24.5	5,479	1,452	26.5
Hickman	14,010	12,096	26.6	3,727	380	10.2
Lawrence	36,047	29,097	27.6	9,949	289	2.9
Lewis	8,858	6,761	24.7	2,188	*	*
Lincoln	27,081	24,318	30.0	8,124	2,015	24.8
Marshall	19,682	17,319	19.5	3,838	603	15.7
Maury	47,925	44,028	20.1	9,633	3,824	39.7
Moore	3,543	3,568	17.5	620	*	*
Perry	6,363	5,238	29.9	1,903	*	*
Wayne	13,747	12,365	29.9	4,110	*	*
Totals	292,249	261,828	23.9	69,788	11,386	16.3

*This information is not available from the Census Bureau due to insufficient sample size (less than 400 minority population in the county.)

TABLE XI

FEMALE HEADS OF HOUSEHOLDS AND ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

County	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Bedford	26,448	741	2.8	290	1.1	39.1
Coffee	35,249	881	2.5	388	1.1	44.0
Franklin	30,932	742	2.4	371	1.2	50.0
Giles	22,364	716	3.2	268	1.2	37.4
Hickman	14,010	350	2.5	154	1.1	44.0
Lawrence	36,047	937	2.6	397	1.1	42.4
Lewis	8,858	275	3.1	97	1.1	35.3
Lincoln	27,081	785	2.9	352	1.3	44.8
Marshall	19,682	669	3.4	177	.9	26.5
Maury	47,925	1,342	2.8	479	1.0	35.7
Moore	3,543	46	1.3	14	.4	30.4
Perry	6,363	172	2.7	19	.3	11.0
Wayne	13,747	302	2.2	137	1.0	45.4
Totals	292,249	7,958	2.7	3,143	1.1	39.5

Source: 1970 Census

VII. APPENDIX

A. References

U. S. Census of Population: 1970. U. S. Department of Commerce, Bureau of the Census, Population Division.

Population Estimates, Provided by Lawrence Berkeley Laboratory

Overall Economic Development Program. South Central Development District 1977.

Tennessee Employment Outlook: Regional Estimates for Occupations 1970-1980. Tennessee Department of Employment Security

Survey of High School Graduates, Tennessee Department of Employment Security.

B. South Central Area Employment & Training Offices and Employability Development Centers

Columbia (Maury County)
204 W. 4th St., P.O. Box 1058 (38401)

Hickman County, EDC, National Guard Armory, Centerville (37033)
Lewis County, EDC, Courthouse, Hohenwald (38462)
Perry County, EDC, Courthouse, Linden (37096)

Lawrenceburg (Lawrence County)
241 E. Taylor St., P.O. Box 309 (38464)

Giles County, EDC, National Guard Armory, P.O. Box 386, Pulaski (38478)
Wayne County, EDC, National Guard Armory, Waynesboro (38485)

Tullahoma (Coffee County)
111 E. Lincoln St., P.O. Box 836 (37388)

Franklin County, EDC, Townsend Bldg., South Shepherd St., Winchester (37398)

Shelbyville (Bedford County)
301 N. Main, P.O. Box 83 (37160)

Lincoln County, EDC, 301½ College St., Fayetteville (37334)
Marshall County, EDC, 114 2nd Avenue South, Lewisburg (37091)
Moore County, EDC, Courthouse, Lynchburg (37352)
(Note: Moore County is not open fulltime)

C. Unemployment Insurance

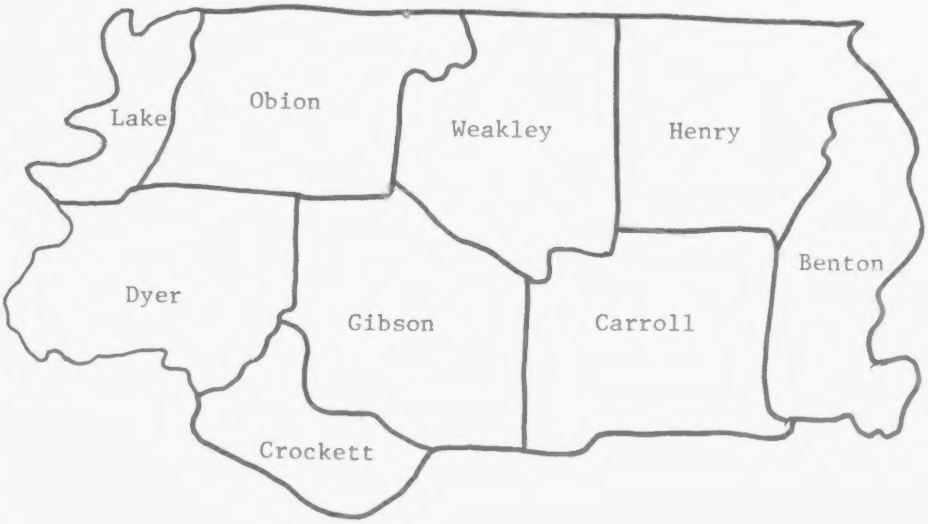
Columbia: (Maury County)
204 W. 4th St., P.O. Box 1058
Serves Hickman, Giles, and Lewis Counties

Lawrenceburg: (Lawrence County)
241 E. Taylor St., Box 309
Serves Wayne County

Shelbyville: (Bedford County)
301 N. Main St., P.O. Box 144
Serves Marshall, Lincoln and Moore Counties

Tullahoma: (Coffee County)
628 Wilson Avenue, 37388
Serves Franklin County

NORTHWEST TENNESSEE DEVELOPMENT DISTRICT


Lake
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NORTHWEST TENNESSEE DEVELOPMENT DISTRICT

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I. HIGHLIGHTS AND CONCLUSIONS

The population for the eight county Northwest Tennessee Development District in 1970 was 190,451; it is projected to increase by 5.3 percent to a 1981 total of 200,455.

The civilian labor force for the area in 1980 was 94,190, compared to 81,490 in 1970. Total employment for the district was 86,570, compared to 77,280 in 1970. Unemployment averaged 7,620 in 1980--an annual average rate of 8.1 percent. This average is significantly higher than the average rate of 5.2 percent in 1970.

The civilian labor force is projected to increase again in 1981. At this point, unemployment rates are up and are expected to stay up throughout 1981. Much will depend, however, on the state of the economy.

The total number of economically disadvantaged in the district during fiscal year 1982 is projected at 47,588. Disadvantaged female heads-of-household are expected to total 12,289; the number of minority disadvantaged should equal 11,855 in 1982.

The total universe of need (those in need of manpower services) for the Northwest Tennessee Development District for fiscal year 1982 is a projected 34,980 persons. Of this total, 6,960 will be categorized as poor and 28,020 as nonpoor. A projected 23,130 individuals will be unemployed during the year.

II. DESCRIPTION OF AREA

The Northwest Tennessee Planning District is located in the extreme northwestern portion of the state and includes eight counties. The district is bound on the north by the Kentucky state line, on the east by the Tennessee River, on the south by the southern boundaries of Benton, Carroll, Gibson and Crockett counties, and on the west by the Mississippi River.

The Northwest Tennessee Planning District is composed of the following counties: Benton, Carroll, Crockett, Gibson, Henry, Lake, Obion, and Weakley. Carroll, Crockett, Gibson, Henry and Lake Counties are designated labor surplus areas as of June 1980.

The geographic features of this 3,763 square mile area vary from rolling hills and forests around the Tennessee River to the bluffs and rich farmland of the "muddy" Mississippi River. The topography of the counties differs according to their proximity to these large rivers.

Benton County is in the northeast section of the Planning District and is bound on the east and partially on the north and west by the Tennessee River (Kentucky Lake). Kentucky Lake, the largest artificial body of water in the United States, offers excellent fishing, hunting and boating which attracts many tourists to Benton County. The rolling land has an average elevation of 450 feet. Pilot Knob, the highest point in West Tennessee, is found in Nathan Bedford Forrest State Historical Park in Benton County. County natural resources include chert, sand, limestone and timber. Agriculture includes corn, hay and pastureland.

Carroll County lies on the dividing ridge between the Tennessee and Mississippi Rivers, and has an area of approximately 650 square miles. The eastern portion of the county is drained by the Big Sandy River and its tributaries. The central and western portions are drained by the Obion River which flows into the Mississippi. The surface of the land is gently undulating in the western and northwestern portions, while somewhat broken and hilly in the eastern and southeastern parts. The soil is a clay loam mixed with sand, while the subsoil is a reddish clay. Agricultural crops include soybeans, corn, cotton and sweet potatoes. Livestock, beef, and dairy cattle are important commodities in Carroll County. Timbers include oak in its varieties, hickory, poplar, gum, and beech.

Crockett County is in the southwestern portion of the district. It is primarily an agricultural county with a gently rolling surface and very rich farm land. The major crops are cotton, soybeans and vegetables. Winter Garden, Incorporated, has its main office in Crockett County. It is the nucleus of a complex of organizations which together have the largest frozen vegetable production capability in the South, accounting for 40 percent (100 million pounds) of the annual national production of southern vegetables. The largest crops processed are field peas and okra.

Gibson County is in the central section of the Northwest Tennessee Planning District. Land there is level to slightly undulating. Gibson County farmers take advantage of the good, rich land to produce strawberries, cabbage, and tomatoes in addition to cotton, corn and soybeans. The county has become one of the nation's leading suppliers of vegetable seedlings.

Henry County is located in the extreme northeast section of the Northwest Tennessee Planning District, bound on the north by the Kentucky state line and partially bound on the east by the Tennessee River (Kentucky Lake). The excellent fishing, hunting and boating provided by Kentucky Lake attract many visitors to Henry County. The rolling land produces corn, cotton, soybeans, wheat, and tobacco. Livestock, beef, and dairy cattle are important commodities to the county.

Lake County is in the extreme northwest corner of the Planning District and is bound on the north by the Kentucky state line and on the west by the Mississippi River. The land in Lake County is Delta-type soil, deep and fertile, laid down by the Mississippi River through the ages. This level land produces good crops of cotton, soybeans, wheat, corn and alfalfa. Reelfoot Lake, the largest natural lake in the South, is in Lake County. Tourism, centered around the excellent fishing and hunting at Reelfoot Lake, is an important income producer in Lake County.

Obion County is located in the northwest section of the Northwest Tennessee Planning District; it is bound on the north by the Kentucky state line. The land is rolling with an average elevation above sea level of 337 feet. Corn, soybeans, and livestock represent the principal sources of farm income. Obion County's production of hogs and livestock is equalled by only one other county in Tennessee.

Weakley County makes up the north central section of the Planning District, bordered on the north by the Kentucky state line. Land there is gently undulating. Primary agricultural products include cotton, corn, soybeans and vegetables. Gleason, located in the southwest corner of Weakley County, is recognized for pioneering and growing the Nancy Hall Sweet Potato. Gleason is also known as the ball clay mining center of the world.

III. DISTRICT DEMOGRAPHIC DATA

Total population in the Northwest Tennessee Planning District is projected at 200,455 in 1982--an increase of 10,004, or 5.3 percent, since 1970. The largest percentage increases are expected to occur in the following age groups: 30-34, 64.4 percent; 35-39, 37.3 percent; and 25-29, 35.2 percent.

Other females had the largest percentage increase in population with a 23.5 percent increase since 1970. Each population group had an overall increase; white males had the lowest percentage increase with 3.2 percent. We project the total white population will increase 8.5 percent, and the total black population 7.2 percent by 1982. An interesting note is that in 1975 the total black population had decreased 4.6 percent. The male population is projected to increase 3.3 percent from 1970 to 1982, while the female population should increase 5.1 percent.

While the district's overall population is increasing, there are certain patterns to be noted: For instance, the 0-14 and the 45-64 age groups are losing population. At the same time, the 15-44 age group (which comprises the major portion of the labor force) is increasing.

TABLE I

NORTHWEST TENNESSEE

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	13,739	11,099	2,629	10	7,027	6,712
5-9	14,133	11,489	2,635	9	7,236	6,897
10-14	15,702	13,027	2,655	19	8,017	7,685
15-19	17,241	14,278	2,946	17	8,834	8,408
20-24	14,111	11,569	2,542	0	7,658	6,453
25-29	14,943	12,937	2,006	0	8,056	6,887
30-34	16,145	14,720	1,416	9	7,927	8,218
35-39	12,875	11,681	1,189	5	6,207	6,668
40-44	10,580	9,556	991	33	5,102	5,478
45-49	9,781	8,779	982	20	4,692	5,090
50-54	10,085	9,058	1,024	4	4,633	5,452
55-59	10,816	9,763	1,053	0	4,944	5,872
60-64	9,650	8,633	1,017	0	4,200	5,450
65-69	10,212	9,186	1,026	0	4,350	5,862
70-74	8,324	7,585	740	0	3,722	4,602
75+	12,118	10,986	1,132	1	4,202	7,916
SPECIAL BREAKOUTS						
14-15	6,589	5,461	1,120	7	3,370	3,218
16-19	13,793	11,422	2,357	14	7,067	6,726
19 and Under	60,815	49,893	10,865	57	31,113	29,702
20-21	5,644	4,628	1,017	0	3,063	2,581
22-44	63,010	55,835	7,127	47	31,887	31,122
45-54	19,867	17,836	2,006	24	9,325	10,542
55 and Over	51,120	46,152	4,967	1	21,418	29,702
TOTAL	200,456	174,345	25,982	129	96,807	103,649

TABLE IA

NORTHWEST

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14,216	13,006	13,739	-477	-3.4
5-9	16,556	15,255	14,133	-2,423	-14.6
10-14	17,882	17,987	15,702	-2,180	-12.2
15-19	17,191	18,850	17,241	50	0.3
20-24	13,212	14,093	14,111	899	6.8
25-29	11,056	10,383	14,943	3,887	35.2
30-34	9,822	12,028	16,145	6,323	64.4
35-39	9,380	10,628	12,875	3,495	37.3
40-44	10,032	10,157	10,580	548	5.5
45-49	11,249	10,502	9,781	-1,468	-13.1
50-54	10,635	11,634	10,085	-550	-5.2
55-59	11,703	10,820	10,816	-887	-7.6
60-64	10,792	11,753	9,650	-1,142	-10.6
65-69	9,382	10,541	10,212	830	8.8
70-74	7,080	8,610	8,324	1,244	17.6
75+	10,263	11,507	12,118	1,855	18.1
TOTAL	190,451	197,754	200,455	10,004	5.3

Special Breakouts for 1982

14-15	6,589
16-19	13,793
19 and Under	60,815
20-21	5,644
22-44	63,010
45-54	19,867
55 and Over	51,120

TABLE IB

NORTHWEST

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	6,044	5,511	5,696	-348	5.8
5-9	6,948	6,623	5,905	-1,043	-15.0
10-14	7,621	7,819	6,708	-913	-12.0
15-19	7,379	8,202	7,242	-137	-1.9
20-24	5,666	6,143	6,308	642	11.3
25-29	4,824	4,330	6,976	2,152	44.6
30-34	4,342	5,350	7,256	2,914	67.1
35-39	4,148	4,774	5,723	1,575	38.0
40-44	4,226	4,628	4,658	432	10.2
45-49	4,793	4,471	2,297	-2,496	-52.1
50-54	4,317	4,939	4,195	-122	-2.8
55-59	4,855	4,346	4,505	-350	-7.2
60-64	4,544	4,813	3,773	-771	-17.0
65-69	3,598	4,369	3,970	372	10.3
70-74	2,853	3,188	3,406	553	19.4
75+	3,686	3,982	3,788	102	2.8
TOTAL	79,844	83,488	82,406	2,562	3.2

Special Breakout for 1982

14-15	2,790
16-19	5,793
19 and Under	25,551
20-21	2,523
22-44	28,399
45-54	8,492
55 and Over	19,442

TABLE IC

NORTHWEST

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	5,694	5,243	5,404	-290	-5.1
5-9	6,698	6,251	5,584	-1,114	-16.6
10-14	6,977	7,451	6,319	-658	-9.4
15-19	6,997	7,606	7,036	39	0.6
20-24	6,041	6,033	5,260	-781	-12.9
25-29	5,104	5,043	5,961	857	16.8
30-34	4,475	5,716	7,464	2,989	66.8
35-39	4,200	4,882	5,958	1,758	41.9
40-44	4,690	4,533	4,898	208	4.4
45-49	5,241	4,943	4,482	-759	-14.5
50-54	5,036	5,539	4,862	-174	-3.5
55-59	5,578	5,257	5,258	-320	-5.7
60-64	5,038	5,764	4,859	-179	-3.6
65-69	4,654	5,124	5,216	562	12.1
70-74	3,388	4,446	4,179	791	23.3
75+	5,601	6,385	7,197	1,596	29.0
TOTAL	85,412	90,216	89,937	4,525	5.3

Special Breakout for 1982

14-15	2,671
16-19	5,629
19 and Under	24,343
20-21	2,104
22-44	27,437
45-54	9,345
55 and Over	26,710

TABLE ID

NORTHWEST

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,215	1,136	1,326	111	9.1
5-9	1,577	1,164	1,326	-251	-15.9
10-14	1,605	1,487	1,304	-301	-18.8
15-19	1,320	1,469	1,592	272	20.6
20-24	664	853	1,350	686	103.3
25-29	462	426	1,080	618	133.8
30-34	434	379	662	228	52.5
35-39	413	425	484	71	17.2
40-44	497	422	433	-64	-12.9
45-49	544	478	388	-156	-28.7
50-54	605	511	438	-167	-27.6
55-59	592	572	439	-153	-25.8
60-64	606	547	426	-180	-29.7
65-69	503	489	380	-123	-24.5
70-74	414	408	316	-98	-23.7
75+	466	508	413	-53	-11.4
TOTAL	11,917	11,274	12,357	440	3.7

Special Breakout for 1982

14-15	579
16-19	1,274
19 and Under	5,548
20-21	540
22-44	3,469
45-54	827
55 and Over	1,975

TABLE IE

NORTHWEST

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,245	1,108	1,303	58	4.7
5-9	1,316	1,200	1,309	-7	-0.5
10-14	1,679	1,214	1,351	-328	-19.5
15-19	1,495	1,573	1,354	-141	-9.4
20-24	833	1,064	1,192	359	43.1
25-29	661	578	926	265	40.1
30-34	539	579	754	215	39.9
35-39	598	516	705	107	17.9
40-44	615	554	558	-57	-9.3
45-49	671	606	594	-77	-11.5
50-54	677	645	586	-91	-13.4
55-59	678	645	614	-64	-9.4
60-64	604	629	591	-13	-2.2
65-69	627	559	646	19	3.0
70-74	425	568	423	-2	-0.5
75+	506	630	719	213	42.1
TOTAL	13,169	12,668	13,625	456	3.5

Special Breakout for 1982

14-15	541
16-19	1,083
19 and Under	5,317
20-21	477
22-44	3,659
45-54	1,179
55 and Over	2,992

TABLE IF

NORTHWEST

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	4	4	5	1	25.0
5-9	0	4	5	5	100.0
10-14	0	0	4	4	100.0
15-19	0	0	0	0	0
20-24	8	0	0	-8	-100.0
25-29	0	6	0	0	0
30-34	11	0	9	-2	-18.2
35-39	7	11	0	-7	-100.0
40-44	0	7	11	11	100.0
45-49	0	0	7	7	100.0
50-54	0	0	0	0	0
55-59	0	0	0	0	0
60-64	0	0	0	0	0
65-69	0	0	0	0	0
70-74	0	0	0	0	0
75+	4	2	1	-3	-75.0
TOTAL	34	34	42	8	23.5

Special Breakout for 1982

14-15	1
16-19	0
19 and Under	14
20-21	0
22-44	20
45-54	7
55 and Over	1

TABLE IG

NORTHWEST

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14	4	5	-9	-64.3
5-9	17	13	5	-12	-70.6
10-14	0	16	15	15	100.0
15-19	0	0	17	17	100.0
20-24	0	0	0	0	0
25-29	5	0	0	-5	-100.0
30-34	21	4	0	-21	-100.0
35-39	14	20	5	-9	-64.3
40-44	4	13	22	18	450.0
45-49	0	4	14	14	100.0
50-54	0	0	4	4	100.0
55-59	0	0	0	0	0
60-64	0	0	0	0	0
65-69	0	0	0	0	0
70-74	0	0	0	0	0
75+	0	0	0	0	0
TOTAL	75	74	87	12	16.0

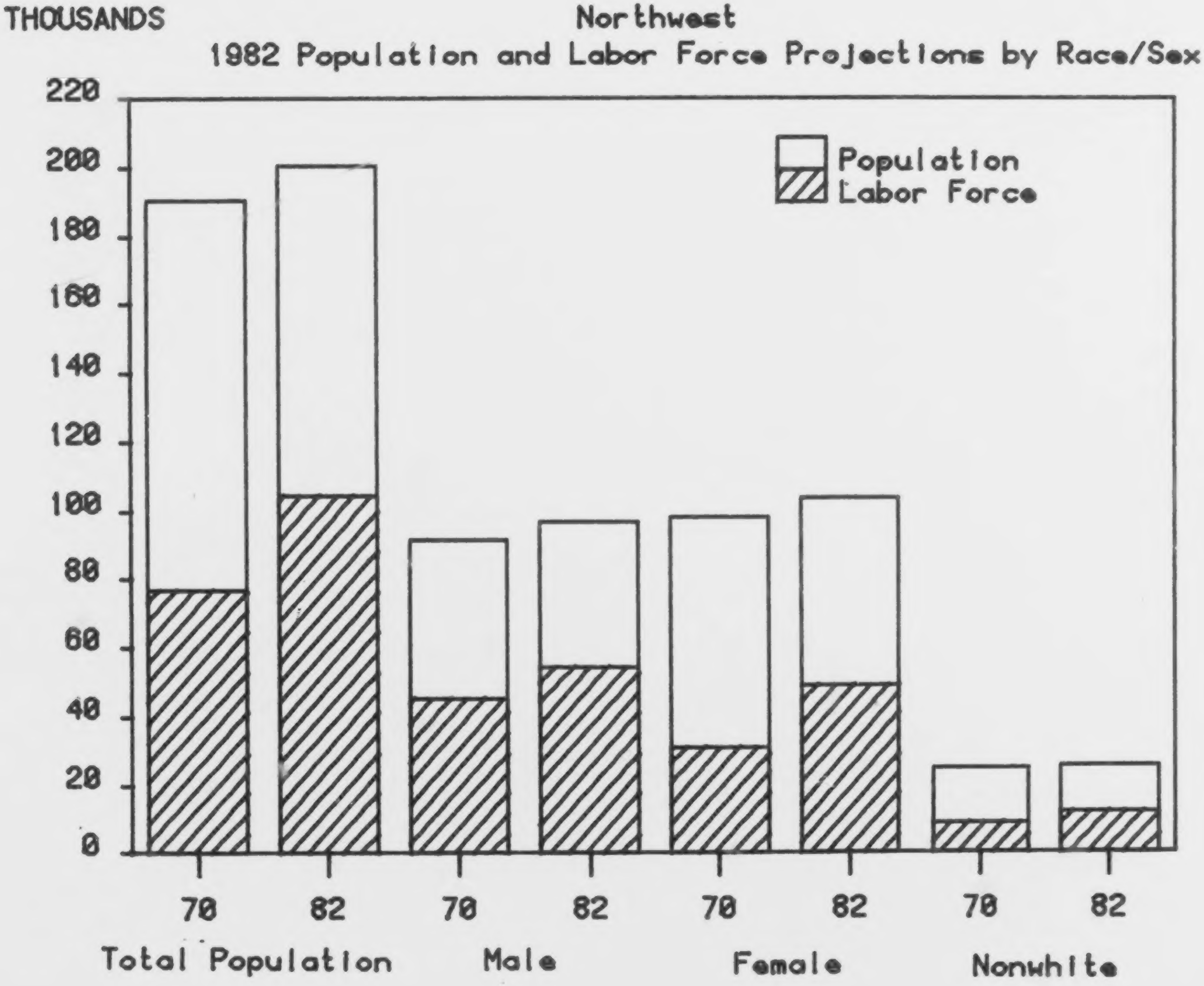
Special Breakout for 1982

14-15	7
16-19	14
19 and Under	43
20-21	0
22-44	27
45-54	18
55 and Over	0

GRAPH I

Northwest

1982 Population and Labor Force Projections by Race/Sex



IV. ECONOMIC TRENDS AND OUTLOOK

A. Civilian Labor Force

1. Annual CPS Labor Force Summaries by County, Tennessee Department of Employment Security, Research and Statistics.

Since 1970 the civilian labor force has increased in six of the eight Northwest Tennessee Development District counties. This increase reflects partial recovery from the recession which began in 1973. Gibson and Lake Counties each showed a decrease in their labor force--they had a cumulative decrease of 17.5 percent since 1970.

2. U. S. Dept. of Labor, Manpower Administration, Lawrence Berkeley Laboratory.

During the new few years, the civilian labor force is expected to show a continued increase. Population growth in the working age categories is a significant factor, as is the entry of more than one individual per family unit into the job market.

B. Employment and Unemployment

In the Northwest Tennessee Planning District, six counties show an increase in the total number of employed persons, while three counties--Crockett, Gibson, and Lake--show decreases in total employment. Cumulatively, the five increasing counties have a total addition of 15,040 employed persons. The other three counties have a total decrease of 5,750 persons employed.

The unemployment rates for seven of the eight Northwest Tennessee counties have increased appreciably since 1970. Weakley County is the only exception; it has dropped from 6.2 percent in 1970 to 4.0 percent in 1980. The county has developed recently with the opening of several chain stores and fast food restaurants. The unemployment rate for Weakley County is expected to remain below the average rate for the area. Unemployment rates in the remaining seven counties are expected to remain high due to continuing high interest rates and recession.

TABLE II

NORTHWEST TENNESSEE

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	2,597	2,224	373	1,495	1,101
18-19	4,663	3,845	818	2,334	2,329
20-24	12,173	10,016	2,157	6,609	5,564
25-34	30,467	27,104	3,363	15,664	14,803
35-44	22,410	20,251	2,159	11,059	11,351
45-64	27,322	24,271	3,051	14,682	12,641
65+	4,536	3,771	765	2,866	1,670
SPECIAL BREAKOUTS					
16-19	7,259	6,069	1,190	3,829	3,430
20-21	4,870	4,007	863	2,644	2,226
22-44	60,181	53,364	6,817	30,689	29,492
45-54	13,661	12,135	1,526	7,341	6,320
55 and Over	18,197	15,907	2,290	10,207	7,990
TOTAL	104,168	91,482	12,686	54,710	49,458

NORTHWEST TENNESSEE

TABLE IIA

NORTHWEST

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	76,904	104,168	35.5	73,306	98,126	33.9	3,598	6,042	67.9	4.7	5.8
16-17	1,299	2,596	99.8								
18-19	3,161	4,663	47.5								
20-24	8,978	12,173	35.6	Information not available for age breakouts							
25-34	15,756	30,467	93.4								
35-44	14,728	22,410	52.2								
45-64	28,575	27,323	-4.4								
65 and over	4,407	4,536	2.9								
Special Breakouts for 1982											
16-19		7,259									
20-21		4,870									
22-44		60,181									
45-54		13,661									
55 and over		18,197									

TABLE IIB

NORTHWEST

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	40,769	48,566	19.1	39,333	46,682	18.7	1,436	1,884	31.2	3.5	4.6
16-17	788	1,328	68.5								
18-19	1,498	1,949	30.1								
20-24	4,378	5,507	25.8	Information not available for age breakouts							
25-34	8,661	13,948	61.0								
35-44	7,758	10,149	30.8								
45-64	15,158	13,249	-12.6								
65 and over	2,528	2,436	-3.6								

Special Breakouts for 1982

16-19	3,276
20-21	2,203
22-44	27,401
45-54	6,625
55 and over	9,061

TABLE IIC

NORTHWEST

WHITE FEMALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	27,082	42,916	58.5	25,593	40,233	57.2	1,489	2,683	80.2	5.5	6.3
16-17	355	897	15.3								
18-19	1,247	1,896	52.0								
20-24	3,585	4,509	25.8	Information not available for age breakouts							
25-34	5,358	13,156	145.5								
35-44	5,282	10,101	91.2								
45-64	10,099	11,022	9.1								
65 and over	1,156	1,335	15.5								

Special Breakouts for 1982

16-19	2,792
20-21	1,804
22-44	25,963
45-54	5,511
55 and over	6,846

TABLE IID

NORTHWEST

NONWHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	4,715	6.144	30.3	4,420	5,548	25.5	295	596	102.0	6.3	9.7
16-17	84	167	98.8								
18-19	206	385	86.9								
20-24	517	1,102	113.2	Information not available for age breakouts							
25-34	828	1,716	107.2								
35-44	832	911	9.5								
45-64	1,827	1,433	-21.6								
65 and over	421	430	2.1								

Special Breakouts for 1982	
16-19	553
20-21	441
22-44	3,288
45-54	716
55 and over	1,146

TABLE IIE

NORTHWEST

NONWHITE FEMALES

AGE	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	4,338	6,542	50.8	3,960	5,663	43.0	378	879	132.5	8.7	13.4
16-17	72	204	183.3								
18-19	210	433	106.2								
20-24	498	1,055	111.8	Information not available for age breakouts							
25-34	909	1,647	81.2								
35-44	856	1,249	45.9								
45-64	1,491	1,619	8.6								
65 and over	302	335	10.9								
Special Breakouts for 1982											
16-19		638									
20-21		422									
22-44		3,529									
45-54		809									
55 and over		1,144									

TABLE III

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT

	Labor Force		Employment		Unemployment		Rate	
	1970	1980	1970	1980	1970	1980	1970	1980
Benton	5,140	8,780	4,930	8,090	210	690	4.1	7.9
Carroll	10,540	13,170	9,890	12,050	650	1,120	6.2	8.5
Crockett	5,460	5,620	5,220	4,860	240	760	4.4	13.5
Gibson	21,050	16,900	20,180	14,970	870	1,930	4.1	11.4
Henry	8,920	13,340	8,400	12,060	520	1,280	5.8	9.6
Lake	3,010	2,980	2,820	2,640	190	340	6.3	11.4
Obion	13,510	16,740	12,840	15,830	670	910	5.0	5.4
Weakley	13,860	16,750	13,000	16,070	860	680	6.2	4.1
Northwest	81,490	94,280	77,280	86,570	4,210	7,710	5.2	8.1

C. Characteristics of the Unemployed

The characteristics of unemployment insurance claimants served by Employment and Training offices in the Northwest Planning District are useful for planning manpower services needed by unemployed workers. Benchwork experienced composed 22.1 percent of the insured unemployed. The next highest category was machine trades, comprising 17.4 percent of the claimants. Males accounted for 49.1 percent of the insured unemployed, females 50.9 percent. Eighty-seven percent of the insured unemployed were in the 22 years and over age bracket. Approximately 76 percent of these claimants attained between 9 and 12 years of formal education.

The racial composition of the applicants was 80.9 percent white and 18.9 percent nonwhite. Twenty-one percent of the claimants were disadvantaged, 10.5 percent were veterans, 2.1 percent were handicapped, 2.5 percent were welfare recipients, and 3.7 percent received foodstamps.

TABLE IV

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	5.5
2 Clerical and Sales	16.5
3 Services	7.6
4 Farming, Fisheries, Forestry	0.8
5 Processing	4.0
6 Machine Trades	17.4
7 Benchwork	22.1
8 Structural Work	13.0
9 Miscellaneous	11.9
Partials and Invalid Claims	1.2

SEX	PERCENT
Males	49.1
Females	50.9
AGE	
0-21	13.1
22 and over	87.0
RACE	
White	80.9
Black	18.9
Other	0.2

EDUCATION	PERCENT
0-8	14.8
9-12	76.0
13-16	9.0
MISCELLANEOUS	
Disadvantaged	21.1
Veterans	10.5
Handicapped	2.1
Welfare	2.5
Foodstamp	3.7

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
Northwest		2,303	49.1	50.9	13.1	65.9	21.1	14.8	76.0	9.0	80.9	18.9	0.2	21.1	10.5	2.5	2.1	3.7
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	127	45.7	54.3	7.1	73.2	19.7	0.8	52.8	42.5	91.3	8.7	0	15.7	17.3	0.8	2.4	1.6
Prof. & Tech.	00-16	78	38.5	61.5	6.4	76.9	16.7	0	44.9	50.0	91.0	9.0	0	14.1	19.2	1.3	1.3	2.6
Architecture & Engineering	00-01	18	77.8	22.2	5.6	66.7	27.8	0	55.6	44.4	88.9	11.1	0	5.6	38.9	0	0	5.6
Math & Phy. Science	02	1	0	100.0	0	100.0	0	0	100.0	0.	100.0	0	0	0	0	0	0	0
Life Science	04	2	50.0	50.0	0	50.0	50.0	0	0	50.0	100.0	0	0	50.0	50.0	0	0	0
Social Sciences	05	0																
Medicine & Health	07	13	23.1	76.9	15.4	69.2	15.4	0	61.5	30.8	84.6	15.4	0	23.1	7.7	0	0	0
Education	09	20	15.0	85.0	5.0	85.0	10.0	0	20.0	75.0	95.0	5.0	0	5.0	5.0	0	0	0
Museum & Archival Ser.	10	0																
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	0																
Art	14	3	0	100.0	33.3	66.7	0	0	100.0	0	100.0	0	0	33.3	0	0	0	0
Entertainment & Recreation	15	0																
Administrative Specializations	16	21	42.9	57.1	0	85.7	14.3	0	42.9	52.4	90.5	9.5	0	19.0	23.8	4.8	4.8	4.8
Managerial	18	43	62.8	37.2	4.7	67.4	27.9	2.3	72.1	23.3	90.7	9.3	0	14.0	14.0	0	2.3	0
Miscellaneous Professional, Tech.	19	6	16.7	83.3	33.3	66.7	0	0	16.7	83.3	100.0	0	0	50.0	16.7	0	16.7	0
CLERICAL & SALES	2	380	24.2	75.8	12.9	69.7	17.4	3.4	78.2	18.4	91.3	8.7	0	13.2	8.2	0.8	2.4	2.1
Clerical	20-24	312	19.2	80.8	11.2	72.4	16.3	2.9	77.6	19.6	90.4	9.6	0	12.5	8.0	0.6	1.6	1.9
Typing, Filing, & Related Work	20	87	3.4	96.6	8.0	80.5	11.5	1.1	70.1	28.7	95.4	4.6	0	16.1	6.9	1.1	0	2.3
Computing & Account Recording	21	139	10.8	89.2	15.8	68.3	15.8	2.2	82.7	15.1	92.1	7.9	0	7.9	4.3	0	0.7	0.7
Material & Production Recording	22	61	65.6	34.4	9.8	70.5	19.7	6.6	77.0	16.4	86.9	13.1	0	14.8	19.7	0	4.9	3.3
Infor. & Message Distribution	23	13	0	100.0	0	69.2	30.8	0	92.3	7.7	69.2	30.8	0	15.4	0	0	7.7	7.7
Misc. Clerical	24	12	16.7	83.3	0	75.0	25.0	8.3	58.3	33.3	75.0	25.0	0	25.0	8.3	8.3	0	0
Sales	25-29	68	47.1	52.9	20.6	57.4	22.1	5.9	80.9	13.2	95.6	4.4	0	16.2	8.8	1.5	5.9	2.9
Salesperson, Ser.	25	4	75.0	25.0	25.0	75.0	0	25.0	50.0	25.0	75.0	25.0	0	50.0	25.0	0	0	0
Salespersons, Commodities	26-28	39	41.0	59.0	17.9	53.8	28.2	5.1	82.1	12.8	97.4	2.6	0	12.8	12.8	0	2.6	5.1
Merchandising, except Sales	29	25	52.0	48.0	24.0	60.0	16.0	4.0	84.0	12.0	96.0	4.0	0	16.0	0	4.0	12.0	0

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	0					
SERVICE	3	175	33.1	66.9	15.4	46.3	38.3	30.3	65.1	4.6	79.4	20.6	0	30.9	8.6	6.3	2.9	3.4
Domestic	30	4	25.0	75.0	25.0	50.0	25.0	50.0	25.0	25.0	75.0	25.0	0	75.0	0	50.0	0	0
Other Service	31-38	171	33.3	66.7	15.2	46.2	38.6	29.8	66.1	4.1	79.5	20.5	0	29.8	8.8	5.3	2.9	3.5
Food Preparation & Service	31	75	24.0	76.0	22.7	38.7	38.7	22.7	72.0	5.3	85.3	14.7	0	28.0	6.7	5.3	2.7	1.3
Lodging & kindred	32	11	18.2	81.8	9.1	45.5	45.5	45.5	54.5	0	63.6	36.4	0	45.5	18.2	27.3	9.1	0
Barbering & kindred	33	3	33.3	66.7	0	100.0	0	0	100.0	0	66.7	33.3	0	66.7	0	0	0	0
Amusement & kindred	34	2	50.0	50.0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	50.0	0	0	0
Mis. Personal Ser.	35	28	14.3	85.7	10.7	50.0	39.3	39.3	57.1	3.6	78.6	21.4	0	39.3	3.6	7.1	3.6	10.7
Apparel & Furnish.	36	15	33.3	66.7	0	73.3	26.7	54.5	81.8	0	80.0	20.0	0	20.0	13.3	0	6.7	6.7
Protective Service	37	10	80.0	20.0	10.0	50.0	40.0	40.0	60.0	0	100.0	0	0	20.0	10.0	0	0	0
Building & kindred	38	27	66.7	33.3	14.8	40.7	44.4	29.6	66.7	3.7	63.0	37.0	0	25.9	11.1	0	0	3.7
FARMING, FISHERY, FORESTRY	4	19	94.7	5.3	26.3	52.6	21.1	31.6	63.2	5.3	68.4	31.6	0	52.6	15.8	0	0	0
Plant Farming	40	8	87.5	12.5	0	75.0	25.0	25.0	62.5	12.5	62.5	37.5	0	75.0	12.5	0	0	0
Animal Farming	41	2	100.0	0	50.0	50.0	0	0	100.0	0	50.0	50.0	0	0	0	0	0	0
Misc. Farming	42	7	100.0	0	42.9	42.9	14.3	28.6	71.4	0	71.4	28.6	0	42.9	28.6	0	0	0
Fishery & kindred	44	0																
Forestry	45	2	100.0	0	50.0	0	50.0	100.0	0	0	100.0	0	0	50.0	0	0	0	0
Agricultural Service	46	0																
PROCESSING	5	92	59.8	40.2	8.7	65.2	26.1	21.7	69.6	8.7	71.7	28.3	0	16.3	9.8	2.2	1.1	6.5
Metal	50	10	80.0	20.0	0	100.0	0	30.0	70.0	0	90.0	10.0	0	0	10.0	0	10.0	20.0
Refining & Foundry	51	26	76.9	23.1	7.7	76.9	15.4	23.1	69.2	7.7	53.8	46.2	0	7.7	11.5	3.8	0	7.7
Food & kindred	52	11	63.6	36.4	18.2	45.5	36.4	27.3	63.6	9.1	90.9	9.1	0	0	18.2	0	0	0
Paper & kindred	53	0																
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	17	29.4	70.6	11.8	64.7	2.3	5.9	64.7	29.4	70.6	29.4	0	29.4	11.8	0	0	0
Wood & Wood Products	56	1	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	8	75.0	25.0	0	50.0	50.0	50.0	50.0	0	75.0	25.0	0	37.5	0	0	0	12.5
Leather, Textiles & kindred	58	11	9.1	90.9	9.1	54.5	36.4	9.1	90.9	0	72.7	27.3	0	18.2	0	9.1	0	9.1
Processing, N.E.C.	59	8	100.0	0	12.5	50.0	37.5	25.0	75.0	0	75.0	25.0	0	37.5	12.5	0	0	0
MACHINE TRADES	6	401	65.8	34.2	12.2	67.6	20.2	17.2	77.3	5.5	64.1	35.9	0.5	21.4	14.0	3.0	2.0	4.7
Metal Machining	60	122	70.5	29.5	15.6	66.4	18.0	16.4	75.4	8.2	80.3	18.9	0.8	19.7	17.2	4.9	3.3	5.7
Metalworking, N.E.C.	61	112	60.7	39.3	5.4	63.4	31.2	18.8	75.0	6.2	71.4	27.7	0.9	17.0	9.8	0.9	1.8	2.7
Machine Repairmen	62-63	76	98.7	1.3	11.8	75.0	13.2	15.8	81.6	2.6	89.5	10.5	0	21.1	26.3	1.3	1.3	9.2
Paperworking	64	5	40.0	60.0	20.0	60.0	20.0	0	100.0	0	80.0	20.0	0	20.0	0	0	0	0
Printing	65	9	44.4	55.6	22.2	55.6	22.2	0	100.0	0	77.8	22.2	0	11.1	0	0	11.1	0
Wood Machining	66	12	91.7	8.3	25.0	58.3	16.7	25.0	75.0	0	91.7	8.3	0	33.3	8.3	0	0	8.3
Machining Stone, Glass & kindred	67	1	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
Textile	68	35	17.1	82.9	17.1	62.9	20.0	28.6	68.6	2.9	28.6	71.4	0	34.3	2.9	0	0	2.9
Machine Trades, N.E.C.	69	29	37.9	62.1	10.3	82.8	6.9	10.3	82.8	6.9	79.3	20.7	0	31.0	6.9	13.8	0	0

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCH WORK (Fabrication, Assembly, & Repair)	7	509	17.9	82.1	10.8	64.6	24.6	13.0	84.7	2.4	78.2	21.6	0.2	19.6	4.1	3.5	2.4	1.8
Metal Products, N.E.C.	70	108	34.3	65.7	20.4	63.0	16.7	11.1	86.1	2.8	67.6	32.4	0	17.6	7.4	1.9	0	2.8
Scientific & Medical Good & kindred	71	27	3.7	96.3	7.4	81.5	11.1	7.4	88.9	3.7	96.3	3.7	0	0	0	0	3.7	0
Electrical Equipment	72	171	9.4	90.6	5.3	68.4	26.3	6.4	90.1	3.5	81.3	18.7	0	11.1	3.5	1.8	1.2	1.2
Products from Assorted Materials	73	8	12.5	87.5	0	87.5	12.5	12.5	87.5	0	50.0	50.0	0	37.5	0	0	0	0
Painting & kindred	74	8	87.5	12.5	37.5	37.5	25.0	37.5	62.5	0	100.0	0	0	12.5	25.0	0	0	0
Plastics, Rubber & kindred	75	15	53.3	46.7	13.3	86.7	0	0	93.3	6.7	80.0	20.0	0	33.3	13.3	13.3	13.3	0
Wood Products	76	4	50.0	50.0	0	50.0	50.0	0	100.0	0	25.0	75.0	0	75.0	0	0	0	0
Sand, Stone & kindred Products	77	0																
Textile, Leather & kindred Products	78	168	11.3	88.7	10.1	57.7	32.1	22.0	77.4	0.6	80.4	19.0	0.6	29.8	1.8	6.5	4.2	2.4
Benchwork, N.E.C.	79	0																
STRUCTURAL WORK	8	299	86.6	13.4	15.7	69.2	15.1	16.7	76.3	7.0	82.9	16.7	0.3	24.1	15.7	1.7	0.7	4.3
Metal Fabricating, N.E.C.	80	31	77.4	22.6	9.7	80.6	9.7	16.1	80.6	3.2	93.5	6.5	0	16.1	12.9	0	3.2	3.2
Welders & kindred	81	58	79.3	20.7	17.2	69.0	13.8	13.8	79.3	6.9	74.1	24.1	1.7	22.4	17.2	3.4	0	5.2
Electrical	82	52	69.2	30.8	11.5	75.0	13.5	9.6	78.8	11.5	90.4	9.6	0	26.9	11.5	1.9	0	3.8
Painting, Plastering & kindred	84	11	90.9	9.1	18.2	72.7	9.1	18.2	63.6	18.2	72.7	27.3	0	9.1	18.2	0	9.1	9.1
Excavating & kindred	85	13	100.0	0	15.4	69.2	15.4	30.8	69.2	0	92.3	7.7	0	23.1	15.4	0	0	0
Construction	86	127	96.9	3.1	18.9	65.4	15.7	18.1	76.4	5.5	81.9	18.1	0	26.8	17.3	1.6	0	4.7
Structural, N.E.C.	89	7	100.0	0	0	42.9	57.1	42.9	42.9	14.3	71.4	28.6	0	28.6	14.3	0	0	0
MISCELLANEOUS	9	273	81.0	19.0	17.9	66.7	15.4	19.0	78.0	2.9	76.6	23.1	0.4	25.6	13.6	1.8	2.6	6.2
Motor Freight, Transportation	90-91	98	98.0	2.0	12.2	70.4	17.3	21.4	75.5	3.1	92.9	6.1	1.0	22.4	23.5	0	2.0	7.1
Packaging & Material Handling	92	168	72.0	28.0	21.4	64.3	14.3	17.3	81.0	1.8	66.7	33.3	0	27.4	7.1	3.0	3.0	5.4
Other Misc.	93-97	7	57.1	42.9	14.3	71.4	14.3	28.6	42.9	28.6	85.7	14.3	0	28.6	28.6	0	0	14.3
Extraction of Minerals	93	0																
Production & Distribution of Utilities	95	5	80.0	20.0	20.0	60.0	20.0	40.0	60.0	0	80.0	20.0	0	40.0	40.0	0	0	20.0
Amusement & kindred, N.E.C.	96	0																
Graphic Art Work	97	2	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
PARTIALS & INVALID CODES	99	28	50.0	50.0	10.7	67.9	21.4	35.7	50.0	14.3	89.3	10.7	0	28.6	0	3.6	3.6	21.4

* W - White B - Black O - Other

D. Industry

Nonagricultural wage and salary employment decreased 1.3 percent, or 780 workers, from 1979 to 1980. Manufacturing accounted for 46.4 percent of the total nonag wage and salary employment in 1980. Durable goods decreased 7.4 percent (790 workers), while nondurable goods increased 2.6 percent, or 450 workers. Decreases in the manufacture of durable goods are a very common indicator of recession.

Nonmanufacturing accounted for 53.6 percent of total nonagricultural wage and salary employment. From 1979 to 1980 this sector showed a decrease of 1.1 percent, or 340 workers. Government is the only nonmanufacturing category with an increase over the year, while the largest decrease was in trade. This decrease indicates less buying--a common occurrence during recession.

TABLE VI

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
Total	60,360	59,580	-780	-1.3
Manufacturing	27,970	27,630	-340	-1.2
Durable Goods	10,700	9,910	-790	-7.4
Lumber	1,200	1,040	-160	-13.3
Furniture	530	450	-80	-15.1
Stone, Clay, and Glass	160	170	10	6.2
Primary Metal Industries	790	680	-110	-13.9
Fabricated Metal Products	2,110	2,200	90	4.3
Machinery, Nonelectrical	2,720	2,580	-140	- 5.1
Elec. Machinery, Eqpt. and Supplies	,470	2,130	-340	-13.8
Transportation Equipment	640	570	- 70	-12.3
Professional, Scientific, Controlling	70	80	10	14.3
All Other Durable	10	10	0	0
Nondurable Goods	17,270	17,720	450	2.6
Food and Kindred Products	1,590	1,670	80	5.0
Tobacco	0	0	0	0
Textile Mill Products	600	540	-60	-10.0
Apparel	7,830	8,010	180	2.3
Paper and Allied Products	400	410	10	2.5
Printing and Publishing	950	910	-40	-4.2
Chemicals and Allied Products	400	340	-60	-15.0
Petroleum and Refining	0	0	0	0
Rubber and Miscellaneous	3,790	3,950	160	4.2
Leather	1,710	1,890	180	10.5
All Other Nondurable	0	0	0	0
Nonmanufacturing	32,290	31,950	-340	-1.1
Contract Construction	2,460	2,440	- 20	-.8
Transportation and Public Utilities	1,770	1,770	0	0
Trade	9,360	9,040	-320	-3.4
Finance, Insurance, Real Estate	1,470	1,450	-20	-1.4
Services	4,630	4,570	- 60	-1.3
Government	11,480	11,620	140	1.2
All Other Nonmanufacturing	1,120	1,060	- 60	-5.4

E. Occupation

Table VIII shows projected employment by broad occupational categories. Table VII and Table VIII include counties from both Southwest and Northwest Tennessee Districts. Information was not available for each area separately.

Employment for all occupations is projected to increase 44.2 percent between 1970 and 1982. The greatest percentage increases should be in the professional, technical and related category (72.3 percent), and managers, officials, and proprietors (67.9 percent). The operatives category is expected to gain the greatest number of employees--increasing 18,179 employees between 1970 and 1982. Agricultural workers posted the only percentage decrease between 1970 and 1982 (38.9 percent). The number of job openings from 1970 to 1982 should average 11,129 annually in the Northwest-Southwest Tennessee Districts. The table on employment by broad occupational category reflects this area's continued movement away from agriculture toward a more diversified economy.

TABLE VII

HIGH DEMAND OCCUPATIONS

OCCUPATIONS	ANNUAL JOB OPENINGS 1970-1980*	PERCENT OF TOTAL	DUE TO NEW JOBS	DUE TO SEPARATIONS
Sewers & Stitchers	1,067	9.59	435	632
Secretaries, other than legal and medical	430	3.86	195	235
Sales clerks, retail	332	2.98	95	237
Bookkeepers	286	2.57	113	173
Checkers, Examiners, etc., mfg.	286	2.57	149	137
Hairdressers, Cosmetologists	284	2.55	160	124
Assemblers	273	2.45	144	129
Janitors and Sextons	271	2.44	152	119
Elementary School Teachers	247	2.22	73	174
Misc. Machine Operatives	245	2.20	144	101
Carpenters	205	1.84	112	93
Cooks, except private	197	1.77	76	121
Nurses aides, orderlies	196	1.76	98	98
Clergymen	136	1.22	101	35
Waiters	134	1.20	45	89
Registered Nurses	124	1.11	54	70
Farmers (owners & tenants)	120	1.08	-299	419
Packers, wrapper, except meat, produce	119	1.07	62	59
Maids, servants, private	109	.98	-49	158
Auto Mechanics	105	.94	76	29

*Latest information available at the time of publication.

TABLE VIII

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1982	Avg. Annual Job Openings
Total All Occupations	154,870	223,321	44.2	11,129
Professional, Technical and Kindred	12,189	21,005	72.3	1,325
Managers, Officials and Proprietors	10,073	16,916	67.9	967
Sales Workers	7,725	10,905	41.2	624
Clerical Workers	13,076	20,938	60.1	1,491
Crafts and Kindred Workers	18,065	27,689	53.3	1,237
Operatives	38,845	57,024	46.8	3,121
Service Workers	16,576	26,515	60.0	1,949
Laborers, Except Farm	6,196	8,061	30.1	303
Farmers & Farm Workers	11,087	6,775	-38.9	110

Source: Tennessee Employment Outlook - Regional Estimates for Occupations, 1970-1980. Tennessee Department of Employment Security.

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Applicant Characteristics

The largest number of applicants came from benchwork occupations (22.1 percent of the total), followed by services with 14.2 percent, and clerical and sales with 13.8 percent. Male applicants made up 47.0 of the total. Most applicants were over 22 years old and had high school educations. Nonwhite applicants made up 27.5 percent of the total; nonwhite females equaled 15.8 percent of total applicants. Veterans made up 9.2 percent of the total, while 43.3 percent were disadvantaged. Handicapped applicants totaled 2.9 percent, applicants on welfare totaled 12.8 percent, and those receiving foodstamps equaled 10.0 percent of total applicants.

TABLE IX

ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	4.1
2 Clerical and Sales	13.8
3 Services	14.2
4 Farming, Fisheries, Forestry	2.6
5 Processing	3.4
6 Machine Trades	10.9
7 Benchwork	22.1
8 Structural Work	11.2
9 Miscellaneous	11.3
Partials and Invalid Claims	6.3

SEX	PERCENT
Males	47.0
Females	53.0
AGE	
0-21	27.5
22 and over	72.5
RACE	
White	72.5
Nonwhite	27.5
Nonwhite Female	15.8

EDUCATION	PERCENT
0-8	16.0
9-12	75.2
13-16	7.9
MISCELLANEOUS	
Disadvantaged	43.3
Veteran	9.2
Handicapped	2.9
Welfare	12.8
Foodstamp	10.0

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
Northwest Tennessee		6,498	47.0	53.0	27.5	58.3	14.2	16.0	75.2	7.9	72.5	27.5	15.8	43.3	9.2	12.8	2.9	10.0
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	269	46.8	53.2	12.6	71.0	16.4	2.6	41.6	34.9	84.8	15.2	7.8	27.1	17.5	6.3	3.7	4.5
Prof. & Tech.	00-16	175	41.7	58.3	16.6	71.4	12.0	1.1	48.6	45.7	83.4	16.6	10.9	32.0	15.1	6.3	2.3	4.6
Architecture & Engineering	00-01	48	68.8	31.2	22.9	62.5	14.6	.0	68.8	31.2	93.8	6.2	2.1	33.3	29.2	2.1	2.1	4.2
Math & Phy. Science	02	5	80.0	20.0	.0	100.0	.0	20.0	40.0	40.0	80.0	20.0	.0	20.0	.0	.0	.0	.0
Life Science	04	4	50.0	50.0	.0	75.0	25.0	.0	.0	75.0	100.0	.0	.0	25.0	25.0	.0	.0	25.0
Social Sciences	05	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Medicine & Health	07	31	9.7	90.3	22.6	64.5	12.9	.0	67.7	29.0	80.6	19.4	19.4	45.2	3.2	12.9	.0	3.2
Education	09	41	26.8	73.2	7.3	87.8	4.9	.0	17.1	73.2	75.6	24.4	19.5	26.8	9.8	9.8	2.4	4.9
Museum & Archival Ser.	10	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Law & Jurisprudence	11	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Religion & Theology	12	2	100.0	.0	50.0	.0	50.0	.0	50.0	50.0	50.0	50.0	.0	50.0	.0	50.0	.0	.0
Writing	13	1	100.0	.0	.0	100.0	.0	.0	.0	100.0	100.0	.0	.0	.0	100.0	.0	.0	.0
Art	14	6	33.3	66.7	33.3	66.7	.0	.0	83.3	16.7	100.0	.0	.0	33.3	.0	.0	.0	.0
Entertainment & Recreation	15	2	50.0	50.0	50.0	50.0	.0	.0	.0	100.0	100.0	.0	.0	50.0	.0	.0	.0	50.0
Administrative Specializations	16	35	40.0	60.0	11.4	71.4	17.1	2.9	45.7	45.7	77.1	22.9	11.4	25.7	20.0	2.9	5.7	2.9
Managerial	18	79	60.8	39.2	3.8	67.1	65.7	5.1	69.6	24.1	88.6	11.4	1.3	21.5	19.0	6.3	3.8	5.1
Miscellaneous Professional, Tech.	19	15	33.3	66.7	13.3	86.7	.0	6.7	20.0	66.7	80.0	20.0	6.7	46.7	26.7	6.7	13.3	6.7
CLERICAL & SALES	2	898	19.7	80.3	28.4	61.0	10.6	2.7	77.2	20.0	83.2	16.8	13.0	33.0	5.9	7.5	2.1	4.5
Clerical	20-24	746	15.3	84.7	27.7	62.1	10.2	2.0	76.8	21.2	81.8	182.3	14.3	32.3	5.0	6.7	1.7	4.0
Typing, Filing, & Related Work	20	238	4.2	95.8	26.9	63.9	9.2	0.8	63.9	35.3	81.9	18.1	16.8	38.2	2.1	7.1	2.1	3.8
Computing & Account Recording	21	338	8.6	91.4	32.5	59.5	8.0	0.9	84.0	15.1	84.6	15.4	13.0	27.8	3.3	5.6	0.9	3.6
Material & Production Recording	22	99	69.7	30.3	19.2	65.7	15.2	6.1	81.8	12.1	78.8	21.2	4.0	24.2	18.2	4.0	4.0	7.1
Infor. & Message Distribution	23	38	2.6	97.4	15.8	68.4	15.8	2.6	86.8	10.5	76.3	23.7	23.7	39.5	2.6	15.8	2.6	.0
Misc. Clerical	24	33	15.2	84.8	24.2	57.6	18.2	9.1	69.7	21.2	66.7	33.3	30.3	51.5	6.1	12.1	.0	6.1
Sales	25-29	152	41.4	58.6	31.6	55.9	12.5	5.9	78.9	14.5	90.1	9.9	6.6	36.2	10.5	11.2	3.9	6.6
Salesperson, Ser.	25	14	64.3	35.7	14.3	71.4	14.3	7.1	71.4	14.3	78.6	21.4	14.3	28.6	28.6	.0	7.1	7.1
Salespersons, Commodities	26-28	72	34.7	65.3	29.2	55.6	15.3	5.6	80.6	13.9	91.7	8.3	5.6	38.9	12.5	11.1	2.8	9.7
Merchandising, except Sales	29	66	43.9	56.1	37.9	53.0	9.1	6.1	78.8	15.2	90.9	9.1	6.1	34.8	4.5	13.6	4.5	3.0

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	921	22.0	78.0	32.2	48.1	19.7	25.4	70.7	3.9	63.5	36.5	27.9	64.0	5.1	30.5	6.5	7.7
Domestic	30	122	6.6	93.4	19.7	44.3	36.1	50.8	48.4	0.8	35.2	64.8	61.5	91.8	0.8	69.7	16.4	8.2
Other Service	31-38	799	24.4	75.6	34.2	48.7	17.1	21.5	74.0	4.4	67.8	32.2	22.8	60.0	5.8	24.5	5.0	7.6
Food Preparation & Service	31	376	15.2	84.8	46.0	38.6	15.4	18.6	77.7	3.7	73.4	26.6	21.5	59.0	3.5	25.0	5.6	5.3
Lodging & kindred	32	48	6.2	93.8	18.8	62.5	18.8	39.6	60.4	.0	54.2	45.8	43.8	77.1	2.1	50.0	8.3	6.2
Barbering & kindred	33	20	20.0	80.0	35.0	50.0	15.0	10.0	80.0	10.0	100.0	.0	.0	65.0	5.0	25.0	5.0	5.0
Amusement & kindred	34	3	33.3	66.7	33.3	33.3	33.3	33.3	33.3	33.3	66.7	33.3	33.3	33.3	33.3	.0	.0	.0
Mis. Personal Ser.	35	170	11.8	88.2	20.0	67.6	12.4	20.6	72.9	6.4	68.2	31.8	28.2	60.6	3.5	27.1	3.5	11.8
Apparel & Furnish.	36	46	23.9	76.1	15.2	63.0	21.7	21.7	78.3	.0	47.8	52.2	41.3	63.0	6.5	32.6	6.5	6.5
Protective Service	37	35	85.7	14.3	17.1	62.9	20.0	14.3	71.4	14.3	71.4	28.6	2.9	28.6	34.3	2.9	.0	8.6
Building & kindred	38	101	68.3	31.7	35.6	36.6	27.7	29.7	68.3	2.0	54.5	45.5	10.9	61.4	8.9	10.9	5.0	10.9
FARMING, FISHERY, FORESTRY	4	168	81.0	19.0	36.9	43.5	19.6	42.3	56.5	1.2	72.0	28.0	8.3	75.0	8.3	23.2	6.5	17.3
Plant Farming	40	81	71.6	28.4	37.0	43.2	19.8	45.7	53.1	1.2	59.3	40.7	13.6	85.1	6.2	33.3	7.4	13.6
Animal Farming	41	14	64.3	35.7	42.9	57.1	.0	21.4	78.6	.0	78.6	21.4	7.1	42.9	.0	14.3	7.1	7.1
Misc. Farming	42	62	93.5	6.5	32.3	43.5	24.2	41.9	56.5	1.6	82.3	17.7	3.2	67.7	12.9	16.1	6.5	24.2
Fishery & kindred	44	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Forestry	45	11	100.0	.0	54.5	27.3	18.2	45.5	54.5	.0	100.0	.0	.0	81.8	9.1	.0	.0	18.2
Agricultural Service	46	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PROCESSING	5	221	47.1	52.9	19.0	63.8	17.2	24.4	71.0	4.5	60.6	39.4	24.4	45.7	8.6	16.7	3.2	16.3
Metal	50	13	76.9	23.1	.0	76.9	23.1	15.4	84.6	.0	92.3	7.7	.0	15.4	23.1	.0	7.7	23.1
Refining & Foundry	51	34	82.4	17.6	11.8	76.5	11.8	17.6	76.5	5.9	58.8	41.2	5.9	8.8	11.8	2.9	.0	17.6
Food & kindred	52	76	30.3	69.7	31.6	53.9	14.5	25.0	71.1	3.9	42.1	57.9	47.4	69.7	3.9	35.5	2.6	7.9
Paper & kindred	53	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Petroleum & kindred	54	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Chemicals, Plastics & kindred	55	41	43.9	56.1	19.5	63.4	17.1	19.5	70.7	9.8	78.0	22.0	9.8	46.3	17.1	9.8	4.9	12.2
Wood & Wood Products	56	3	.0	100.0	.0	66.7	33.3	.0	100.0	.0	33.0	66.7	66.7	33.3	.0	.0	.0	.0
Stone, Clay & kindred	57	16	68.8	31.2	6.2	68.8	25.0	43.8	50.0	6.2	75.0	25.0	6.2	43.8	.0	12.5	.0	25.0
Leather, Textiles & kindred	58	24	12.5	87.5	12.5	62.5	25.0	25.0	75.0	.0	58.3	41.7	37.5	33.3	4.2	8.3	4.2	4.2
Processing, N.E.C.	59	14	78.6	21.4	14.3	71.4	14.3	42.9	57.1	.0	78.6	21.4	.0	57.1	7.1	7.1	7.1	7.1
MACHINE TRADES	6	708	67.8	32.2	22.3	63.6	14.1	13.1	80.9	5.9	74.7	25.3	11.6	33.6	15.0	6.2	2.0	7.5
Metal Machining	60	133	77.4	22.6	19.5	65.4	15.0	7.5	85.0	7.5	76.7	23.3	5.3	29.3	20.3	6.8	3.0	9.0
Metalworking, N.E.C.	61	155	58.1	41.9	9.0	66.5	24.5	16.1	78.1	5.8	69.0	31.0	14.8	23.9	12.9	2.6	0.6	5.2
Machine Repairmen	62-63	187	100.0	.0	25.1	64.2	10.7	14.4	77.5	8.0	89.8	10.2	.0	31.0	25.1	3.2	2.7	8.6
Paperworking	64	13	53.8	46.2	23.1	69.2	7.7	23.1	61.5	15.4	92.3	7.7	.0	30.8	15.4	.0	.0	7.7
Printing	65	35	40.0	60.0	37.1	51.4	11.4	5.7	94.3	.0	82.9	17.1	8.6	40.0	5.7	5.7	2.9	8.6
Wood Machining	66	28	92.9	7.1	60.7	32.1	7.1	17.9	82.1	.0	75.0	25.0	3.6	39.3	14.3	.0	.0	14.3
Machining Stone, Glass & kindred	67	4	75.0	25.0	50.0	50.0	.0	.0	100.0	.0	75.0	25.0	.0	50.0	25.0	.0	.0	.0
Textile	68	63	23.8	76.2	19.0	66.7	14.3	20.6	76.2	3.2	30.2	69.8	50.8	49.2	1.6	17.5	.0	4.8
Machine Trades, N.E.C.	69	90	38.9	61.1	26.7	66.7	6.7	8.9	86.7	4.4	75.6	24.4	17.8	46.7	2.2	13.3	3.3	6.7

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	1,437	24.3	75.7	25.1	60.9	14.1	14.3	81.8	3.8	68.5	31.5	23.8	41.8	3.9	14.2	2.4	5.5
Metal Products, N.E.C.	70	469	42.2	57.8	43.3	48.4	8.3	11.1	84.4	4.3	61.0	39.0	23.7	40.7	4.3	8.3	0.9	6.6
Scientific & Medical Good & Kindred	71	.38	10.5	89.5	10.5	78.9	10.5	15.8	76 3	7.9	81.6	18.4	10.5	23.7	2.6	13.2	7.9	5.3
Electrical Equipment	72	248	18.1	81.9	6.5	71.4	22.2	9.7	85.5	4.8	76.2	23.8	19.8	23.0	5.2	7.7	1.2	2.8
Products from Assorted Materials	73	39	10.3	89.7	10.3	66.7	23.1	20.5	76.9	2 6	43.6	56.4	51.3	51.3	2.6	30.8	5.1	5.1
Painting & kindred	74	20	75.0	25.0	20.0	70.0	10.0	25.0	65 0	10.0	90.0	10.0	5.0	40.0	15.0	10.0	.0	5.0
Plastics, Rubber & kindred	75	29	62.1	37.9	13.8	86.2	.0	.0	89.7	10.3	65.5	34.5	17.2	34.5	17.2	6.9	6.9	3.4
Wood Products	76	18	66.7	33.3	16.7	61.1	22.2	11.1	88.9	.0	44.4	55.6	11.1	50.0	5.6	.0	.0	11.1
Sand, Stone & Kindred Products	77	2	.0	100.0	.0	100.0	.0	.0	100.0	.0	100.0	.0	.0	.0	.0	.0	.0	.0
Textile, Leather & kindred Products	78	567	8.6	91.4	20.6	63.7	15.7	19.0	78.5	2.5	71.8	28.2	26.5	51.9	2.1	22.0	3.5	5.6
Benchwork, N.E.C.	79	7	57.1	42.9	71.4	28.6	.0	.0	100.0	.0	100.0	.0	.0	28.6	.0	.0	.0	14.3
STRUCTURAL WORK	8	731	89.6	10.4	29.7	58.7	11.6	16.1	78.7	5.2	81.0	19.0	3.0	38.9	20.8	4.7	1.0	12.6
Metal Fabricating, N.E.C.	80	62	85.5	14.5	25.8	71.0	3.2	8.1	87.1	4.8	93.5	6.5	3.2	25.8	12.9	4.8	1.6	11.3
Welders & kindred	81	129	83.7	16.3	27.9	57.4	14.7	17.1	79.1	3.9	78.3	21.7	5.4	33.3	26.4	5.4	1.6	7.8
Electrical	82	104	67.3	32.7	17.3	67.3	15.4	8.7	80.8	10.6	84.6	15.4	5.8	30.8	20.2	1.0	.0	8.7
Painting, Plastering & kindred	84	29	100.0	.0	31.0	55.2	13.8	17.2	69.0	13.8	75.9	24.1	.0	41.4	13.8	3.4	6.9	20.7
Excavating & kindred	85	29	100.0	.0	17.2	65.5	17.2	34.5	65.5	.0	89.7	10.3	.0	27.6	24.1	.0	.0	13.8
Construction	86	360	96.7	3.3	35.8	54.7	9.4	17.2	78.9	3.9	78.3	21.7	1.9	46.7	19.7	6.1	0.6	15.0
Structural, N.E.C.	89	18	100.0	.0	22.2	50.0	27.8	27.8	66.7	5.6	83.3	16.7	.0	27.8	38.9	.0	.0	11.1
MISCELLANEOUS	9	737	79.4	20.6	31.1	59.8	9.1	17.8	77.5	4.7	71.5	28.5	6.6	44.1	13.4	9.1	2.7	10.6
Motor Freight, Transportation	90-91	227	95.2	4.8	19.4	68.3	12.3	20.3	77.1	2.6	90.3	9.7	0.9	34.8	19.4	3.5	2.2	16.7
Packaging & Material Handling	92	482	72.2	27.8	35.9	56.4	7.7	16.2	78.4	5.4	62.7	37.3	8.9	48.1	10.2	11.0	3.1	7.7
Other Misc.	93-97	28	75.0	25.0	42.9	50.0	7.1	25.0	64.3	10.7	71.4	28.6	14.3	50.0	21.4	21.4	.0	10.7
Extraction of Minerals	93	4	100.0	.0	25.0	75.0	.0	25.0	50.0	25.0	50.0	50.0	.0	25.0	25.0	.0	.0	25.0
Production & Distribution of Utilities	95	15	73.3	26 7	60.0	33.3	6.7	26.7	66.7	6.7	73.3	26.7	20.0	60.0	26.7	26.7	.0	6.7
Amusement & kindred, N.E.C.	96	2	100.0	.0	.0	100.0	.0	.0	100.0	.0	50.0	50.0	.0	.0	.0	.0	.0	.0
Graphic Art Work	97	7	57.1	42.9	28.6	57.1	14.3	28.6	57.1	14.3	85.7	14.3	14.3	57.1	14.3	28.6	.0	14.3
PARTIALS & INVALID CODES	99	408	58.1	41.9	32.4	48.5	19.1	25.7	69.6	4.7	65.0	35.0	16.4	44.9	1.5	10.8	1.5	39.5

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of Need

The total universe of need for the Northwest Tennessee Planning District in fiscal year 1982 is expected to be 34,980. Of this number, 6,960 will be categorized as poor and 28,020 as nonpoor. The total number of individuals unemployed during the year is expected to be 23,130. Table XII gives a breakdown of different groups in need of manpower services: the unemployed or underutilized, disadvantaged, veterans, school dropouts, welfare recipients, and female heads of households.

TABLE XI

UNIVERSE OF NEED FOR MANPOWER SERVICES

NORTHWEST TENNESSEE

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	34,980
a. Poor	6,960
(1) Disadvantaged	6,770
(2) Other Poor	190
b. Nonpoor	28,020
(1) Near Poverty	8,620
(2) All other Nonpoor	19,400
2. Unemployed and Underutilized Disadvantaged, Total	6,770
a. Unemployed	1,160
b. Underutilized	5,610
(1) Employed part-time for economic reasons	780
(2) Employed full-time but with family income at or below poverty level	3,180
(3) Not in labor force but should be	1,650
3. Total Number of Different Individuals Unemployed in year	23,130
4. Vietnam Veterans-unemployed	330
5. Total veterans (needing manpower services)	5,750
6. School Dropouts during 1979 school year	450
7. Welfare recipients (families)	2,220
8. Female Heads of Households	5,500
a. Disadvantaged - Female heads of Households	2,290

VI. ECONOMICALLY DISADVANTAGED

A. Barriers to Employment

There are many views on the subject of barriers to employment. The following are generally considered to be among the most prevalent barriers:

1. Discrimination (race and sex)
2. Lack of Skills
3. Incumbent Insecurity
4. Lack of Transportation
5. Lack of Child Facilities
6. Transfer Payments (Welfare, Unemployment Insurance, etc.)
7. Deficit Demand
8. Lack of Desire to Work
9. Inability to Work (example: permanently disabled)

While the above list is by no means entirely comprehensive, it does include the most common barriers. Interviews with a number of disadvantaged individuals would more than likely provide a list of barriers almost equal to the number of respondents; most, however, would upon close examination fall into one of the above categories.

B. Characteristics

The large variance in the number of disadvantaged persons between Table XI and XII reflects the use of two unique methodologies.

The total number of economically disadvantaged in the Northwest Tennessee Planning District is projected to be 47,588. A projected 11,855 of this total will be minority disadvantaged, and 2,289 will be disadvantaged female heads of household.

Crockett, Gibson, and Lake Counties are expected to have a relatively higher percentage of minority disadvantaged than the 24.9 percent average for the district. Gibson County is projected to have the highest number of minority disadvantaged (4,196 persons). Crockett, Lake, and Henry Counties are expected to have a relatively higher percentage of disadvantaged female heads of households than the district as a whole.

TABLE XII

ECONOMICALLY DISADVANTAGED

County	1982 Population Projections	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Benton	12,672	12,126	21.4	2,712	*	*
Carroll	28,079	25,741	20.7	5,812	1,064	18,3
Crockett	14,344	14,402	30.5	4,375	1,859	42.5
Gibson	46,464	47,871	22.3	10,361	4,196	40.5
Henry	26,451	23,749	26.2	6,930	1,698	24.5
Lake	6,995	8,074	40.5	2,833	1,006	35.5
Obion	34,465	30,247	22.3	7,686	1,268	16.5
Weakley	30,986	28,827	22.2	6,879	764	11.1
District Total	200,456	191,037	23.7	47,588	11,855	24.9

*This information is not available from the Census Bureau due to insufficient sample size (less than 400 Minority Population in the County)

TABLE XIII

FEMALE HEADS OF HOUSEHOLDS AND ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

County	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Benton	12,672	329	2.6	114	0.9	34.7
Carroll	28,079	814	2.9	281	1.0	34.5
Crockett	14,344	430	3.0	230	1.6	53.5
Gibson	46,464	1,440	3.1	558	1.2	38.8
Henry	26,451	767	2.9	370	1.4	48.2
Lake	6,995	245	3.5	112	1.6	45.7
Obion	34,465	827	2.4	345	1.0	41.7
Weakley	30,986	651	2.1	279	0.9	42.9
District Total	200,456	5,503	2.7	2,289	1.1	41.6

Source: 1970 Census

VII. APPENDIX

A. REFERENCES

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U. S. Department of Labor, Manpower Administration, Summary Manpower Indicators for Northwest Tennessee Development District, 1970 Census of Population. Regional Manpower Administration. 1972 San Francisco.

U. S. Department of Labor, Manpower Administration Berkeley Laboratories Printout. Regional Manpower Administration, San Francisco 1981.

B. Northwest Area Employment and Training Offices and Employability Development Centers

Huntingdon (Carroll County)
188 E. Main St., Box 270 38344

Paris (Henry County)
203 Fentress, Box 86 38242

Carroll County, EDC, Banner Row, McKenzie 38201

Humboldt (Gibson County)
1481 Mullins St., P. O. Box 484 38343

Gibson County, EDC, 101 S. Church St., Trenton 38382

Milan EDC (Gibson County) Second St. 38358

Crockett County, EDC, Conley Rd., Box 216, Alamo 38001

Union City (Obion County)
707 S. First, Box 429 38261

Dresden (Weakley County)
112 W. Maple 38225

Lake County, EDC, Courthouse, Box 375, Tiptonville 38079

C. Unemployment Insurance Offices

Humboldt (Gibson and Crockett Counties)
1481 Mullins St., P. O. Box 428 38343

Huntingdon (Carroll County)
188 E. Main St., P. O. Box 646 38344

Paris (Henry County) Old Depot Bldg., P. O. Box 86 38242
open Mon. 9:00 - 3:30

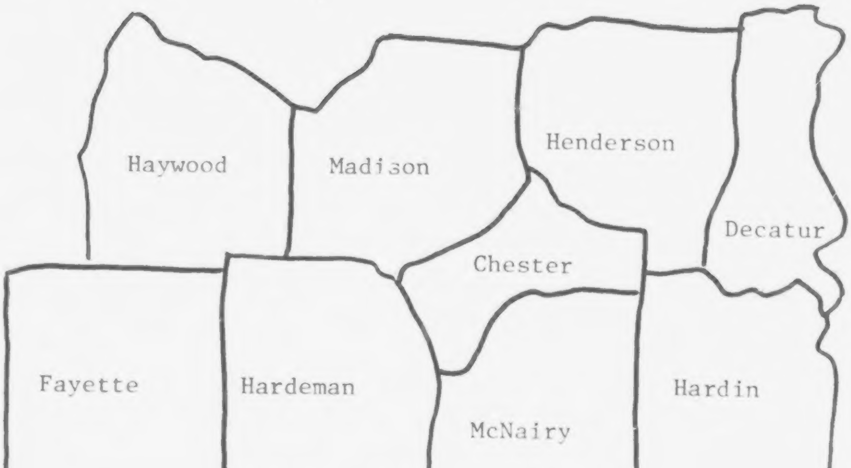
Camden (Benton County) 128 Forrest Ave., South
open Wed. 9:00 - 12:00

Union City (Obion County)
707 S. First Street, P. O. Box 549 38261

Dresden (Weakley County) Courthouse
open Thurs. 8:30 - 12:00

Tiptonville (Lake County) Courthouse
open Wed. 9:00 - 11:00

SOUTHWEST DEVELOPMENT DISTRICT


Haywood
Madison
Henderson
Decatur
Chester
Fayette
Hardeman
McNairy
Hardin

PREPARED BY:

Roy Pierce
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(901) 427-4473

SOUTHWEST DEVELOPMENT DISTRICT

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I. HIGHLIGHTS AND CONCLUSIONS

The population for the eight county Southwest Tennessee Development District in 1970 was 180,931. It is projected to increase to 234,388 by 1982, a 29.5 percent gain.

The civilian labor force for the area averaged 97,490 in 1980, compared to 72,640 in 1970. Employment averaged 89,320 in 1980, up from 69,510 in 1970. Unemployment in 1980, averaged 8,170--the annual average unemployment rate was 8.4 percent.

A combination of several factors should contribute to a steady increase in employment and the civilian labor force during fiscal year 1982. Probably the most significant factors will be continued population growth in working age groups, the influx of new industries, expansion of existing industries and continued efforts of state and local officials to attract new industry to the Southwest District. Federally funded projects to train the unemployed and underutilized in marketable skills are expected to increase employment as these previously discouraged job seekers re-enter the labor market. The entry of more than one person per family into the job market (due to an inflated economy) is expected to continue to influence employment.

The total universe of need (those in need of manpower service) for fiscal year 1982 in the Southwest District is projected to be 41,072 persons. Of this figure 10,154 will be categorized as poor and 30,918 as nonpoor. Economically disadvantaged district residents are expected to number 63,614 in fiscal year 1982. Of this total 28,251 individuals, or 44.4 percent, will belong to a minority group. Female heads of household will number 3,107, or 1.5 percent, of the economically disadvantaged total.

II. DESCRIPTION OF AREA

The Southwest Tennessee Development District is composed of eight counties: Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, and McNairy. The Southwest District is boung on the west by Fayette, Tipton, Lauderdale and Crockett counties, the north by Crockett, Gibson, Carroll and Benton counties, and the east by Perry and Wayne counties. The southern boundary is Fayette County and the Tennessee-Mississippi stateline.

Decatur, Hardeman, Hardin, Haywood, Henderson, and McNairy Counties were designated labor surplus areas by the Department of Labor in their Area Trends publication, January - June 1980.

Chester County is located in the central section of the Southwest Tennessee Development District. The land is rolling with an average elevation above sea level of 450 feet. Chickasaw State Park, which contains over 11,000 acres, offers varied recreational facilities and beautiful scenery to both residents and tourists. Chester County has a diversified economy which includes manufacturing, nonmanufacturing, and agriculture. The major manufacturing industries are apparel and fabricated metals, while nonmanufacturing industries include services, trade, and government.

Decatur County is the northwest boundary of the development district and is bordered on the east by the Tennessee River. The rolling wooded hills and the Tennessee River offer excellent hunting, fishing, and water recreation to the area. The economic base of Decatur County is also diversified. Major manufacturing industries include apparel, nonelectrical machinery, and lumber and wood products, except furniture. The major nonmanufacturing industries are government, wholesale and retail trade, and services. Agricultural employment also plays an important role in Decatur County's economy.

Hardeman County is located in the southwest corner of the district. Chickasaw State Park and the many lakes in Hardeman County make it a hunter's and fisherman's paradise. Ames Plantation, near Grand Junction, is the site of the National Field Trial for bird dogs. Hardeman County is generally classified as rural with cotton, soybeans, corn and livestock being its principal agricultural products. It is also one of the largest inland hardwood centers in the south. Its major manufacturing industries are fabricated metal products, nonelectrical machinery, and leather and leather products. The major nonmanufacturing industries are government, wholesale and retail trade, and services. The county has a favorable balance of manufacturing, nonmanufacturing, and agriculture.

Hardin County is in the southwest corner of the Southwest Tennessee Development District. Since the 1930's when TVA began and Pickwick Dam was built, Hardin County has enjoyed a steady growth in population, business, agriculture and industry. Pickwick Landing State Park offers recreational facilities for almost any water sport, while Pickwick Lake is noted for its fine sauger fishing. Shiloh National Military Park, the setting of one of the Civil War's greatest battles, attracts many tourists to the area. Manufacturing industries in the county include apparel, paper and allied products, and leather and leather products. Nonmanufacturing employment is greatest in government and wholesale and retail trade.

Haywood County forms the northwest corner of the district. Haywood County is a fertile region, well adapted to growing cotton, which is its chief agricultural product.

Though it is chiefly rural, the county has been successful in attracting new industry to the area. The major manufacturing industries are rubber and miscellaneous plastics products, nonelectrical machinery, and apparel, while nonmanufacturing is best represented by government, wholesale and retail trade, and services.

Henderson County is located in the northeast section of the district. The land in Henderson County is rolling, with an average elevation of 500 feet above sea level. It is home to Natchez Trace State Park, which has numerous recreational facilities and is the largest state park in Tennessee. The Beech River Watershed Development Authority has developed dams with reservoirs in Henderaon County, resulting in excellent water recreation. The major manufacturing industries there are electrical machinery, apparel, fabricated metal products, and leather and leather products. The largest nonmanufacturing industries are government and wholesale and retail trade.

Madison County, in the north central section of the Southwest Tennessee Development District, has the largest population of any of the eight counties in the district. Its county seat--Jackson--is the largest city in the area, and the center of commerce and industry for the Southwest District as well as other areas. Madison County has a diversified economy with food and kindred products, stone, clay and glass products, nonelectrical machinery and textile mill products as its most important manufacturing industries. Nonmanufacturing has the greatest representation in wholesale and retail trade, government, and service industries. Eight highways intersect in Jackson, providing excellent truck transportation. Jackson is also a railroad center with an airport capable of accommodating jet traffic.

McNairy County is located in the south central portion of the Southwest Tennessee Development District. This county's varied economy includes cotton, corn and soybeans as the main row crops and swine and beef cattle as the major livestock interests. Over 50 percent of the land is forested. The major manufacturing industries are apparel, leather and leather products, electrical machinery and rubber and miscellaneous plastics products. Nonmanufacturing is chiefly represented by government and wholesale and retail trade.

III. DISTRICT DEMOGRAPHIC DATA

The total population for the Southwest Tennessee Development District is projected to be 234,388 in 1982--an increase of 53,457, or 29.5 percent since 1970. The largest percentage increases are expected to occur in the following age groups: 20-24 years, 46.9 percent; 25-29 years, 60.2 percent; 30-34 years, 73.4 percent; 35-39 years, 61.1 percent; 70-74 years, 43.3 percent; and 75 years and over 42.6 percent. The only age groups expected to show an increase of less than 10.0 percent are 5-9 years (7.4 percent), and 10-14 years (9.0 percent).

The white male population of the Southwest Tennessee Development District in 1970 was 65,180. Compared to the 1982 projection of 84,874, this would be an increase of 19,694, or 30.2 percent. The white female population in 1970 was 70,108. The 1982 population projection is 91,047--an increase of 20,939, or 29.9 percent.

The black male population of the district in 1970 was 21,413,--the 1982 projection is 27,453. This would be an increase of 6,040 persons, or 28.2 percent. The black female population in 1970 was 24,136, while 1982 projection is 30,870--an increase of 6,734, or 27.9 percent.

The other male population in 1970 was 44, while the 1982 projection is 69. This indicates an increase of 25 (56.8 percent). The other female population in 1970 was 50. The 1982 projection is 74, an increase of 24 (48.0 percent). While the population trend of the district is rising, some interesting characteristics should be noted: 1. The relatively small increases in the number of 5-14 year olds can be attributed to several factors. Among these are the changing role of the female from housewife to wage earner, the awareness of the results of overpopulation, and the mechanization of farming, which eliminated the need for large families.

2. Significant growth in the age groups which participate in the labor force will require more jobs in future years. Training people to match job market needs of the area should continue to be a primary concern of planners, especially since more technically oriented industries are locating in the Southwest District.
3. The number of persons over age 65 increases as longevity estimates increase. Programs oriented to this age groups needs will be increasingly necessary to insure productive lives for these citizens.

GRAPH I

Southwest

1982 Population and Labor Force Projections by Race/Sex

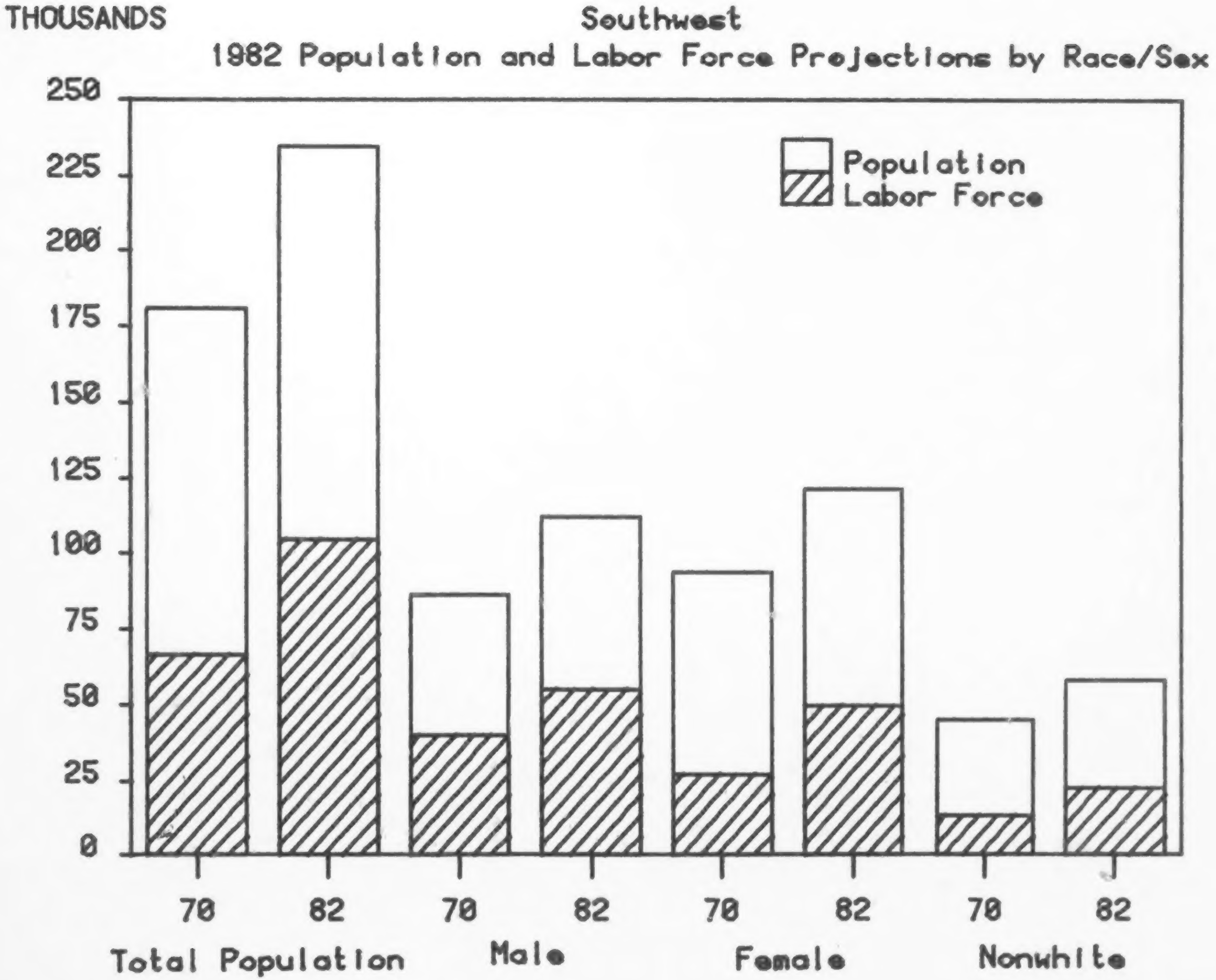

TABLE I

SOUTHWEST TENNESSEE

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	18,147	12,066	6,061	20	9,306	8,841
5-9	18,459	12,583	5,854	21	9,493	8,965
10-14	20,165	13,661	6,503	0	10,180	9,985
15-19	22,323	15,294	7,029	0	11,177	11,146
20-24	18,620	12,950	5,634	37	9,418	9,202
25-29	17,028	12,347	4,663	17	8,322	8,705
30-34	15,867	12,221	3,638	8	7,346	8,520
35-39	14,507	11,948	2,559	0	7,094	7,413
40-44	12,211	10,302	1,909	0	5,735	6,475
45-49	11,514	9,540	1,968	6	5,526	5,988
50-54	11,549	9,314	2,212	23	5,296	6,254
55-59	11,383	9,307	2,076	0	5,332	6,052
60-64	10,971	8,933	2,032	6	4,872	6,099
65-69	10,421	8,371	2,045	5	4,955	5,467
70-74	8,714	7,080	1,634	0	3,796	4,918
75+	12,510	10,004	2,506	0	4,547	7,963
SPECIAL BREAKOUTS						
14-15	8,498	5,791	2,706	0	4,271	4,226
16-19	17,858	12,235	5,623	0	8,942	8,917
19 and Under	79,094	53,605	25,448	41	40,157	38,937
20-21	7,448	5,180	2,254	15	3,767	3,681
22-44	70,784	54,587	16,149	47	34,149	36,635
45-54	23,063	18,854	4,180	29	10,822	12,241
55 and Over	53,999	43,695	10,293	11	23,501	30,498
TOTAL	234,388	175,921	58,323	144	112,396	121,992

TABLE IA

SOUTHWEST DEVELOPMENT DISTRICT

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	14,696	14,156	18,147	3,451	23.5
5-9	17,180	15,814	18,459	1,279	7.4
10-14	18,505	18,683	20,165	1,660	9.0
15-19	17,706	19,706	22,323	4,617	26.1
20-24	12,674	14,706	18,620	5,946	46.9
25-29	10,626	9,870	17,028	6,402	60.2
30-34	9,149	11,699	15,867	6,718	73.4
35-39	9,006	10,295	14,507	5,501	61.1
40-44	9,454	9,873	12,211	2,757	29.2
45-49	9,786	10,288	11,514	1,728	17.7
50-54	9,942	10,485	11,549	1,607	16.2
55-59	9,900	10,407	11,383	1,483	15.0
60-64	9,585	10,320	10,971	1,386	14.5
65-69	8,078	9,684	10,421	2,343	29.0
70-74	5,874	7,687	8,714	2,840	48.3
75+	8,770	10,433	12,510	3,740	42.6
TOTAL	180,931	194,106	234,388	53,457	29.5

Special Breakouts for 1982

14-15	8,498
16-19	17,858
19 and Under	79,093
20-21	7,448
22-44	70,784
45-54	23,063
55 and Over	53,999

TABLE IB

SOUTHWEST DEVELOPMENT DISTRICT

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	4,970	4,960	6,246	1,276	25.7
5-9	5,781	5,567	6,577	796	13.8
10-14	6,428	6,607	7,082	654	10.2
15-19	6,027	7,030	7,723	1,696	28.1
20-24	4,409	4,901	6,526	2,117	48.0
25-29	4,279	3,518	5,859	1,580	36.9
30-34	3,670	5,010	5,666	1,996	54.4
35-39	3,635	4,300	6,027	2,392	65.8
40-44	3,633	4,108	4,999	1,366	37.6
45-49	3,825	4,011	4,709	884	23.1
50-54	3,671	4,149	4,463	792	21.6
55-59	3,793	3,843	4,436	643	17.0
60-64	3,450	3,892	4,016	566	16.4
65-69	2,801	3,458	3,987	1,186	42.3
70-74	2,049	2,589	3,046	997	48.7
75+	2,759	3,118	3,512	753	27.3
TOTAL	65,180	71,061	84,874	19,694	30.2

Special Breakouts for 1982

14-15	2,961
16-19	6,178
19 and Under	27,628
20-21	2,610
22-44	26,466
45-54	9,172
55 and Over	18,997

TABLE IC

SOUTHWEST DEVELOPMENT DISTRICT

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	4,755	4,715	5,820	1,065	22.4
5-9	5,699	5,327	6,006	307	5.4
10-14	5,930	6,462	6,579	649	10.9
15-19	6,152	6,689	7,571	1,419	23.1
20-24	5,096	5,388	6,424	1,328	26.1
25-29	4,362	4,468	6,488	2,126	48.7
30-34	3,949	4,966	6,555	2,606	66.0
35-39	3,697	4,525	5,921	2,224	60.2
40-44	3,831	4,075	5,303	1,472	38.4
45-49	3,986	4,254	4,831	845	21.2
50-54	4,199	4,357	4,851	652	15.5
55-59	4,083	4,550	4,871	788	19.3
60-64	4,155	4,439	4,917	762	18.3
65-69	3,425	4,359	4,384	959	28.0
70-74	2,545	3,417	4,034	1,489	58.5
75+	4,244	5,122	6,492	2,248	53.0
TOTAL	70,108	77,113	91,047	20,939	29.9

Special Breakouts for 1982

14-15	2,830
16-19	6,057
19 and Under	25,977
20-21	2,569
22-44	28,121
45-54	9,682
55 and Over	24,698

TABLE ID

SOUTHWEST DEVELOPMENT DISTRICT

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	2,448	2,255	3,050	602	24.6
5-9	2,924	2,419	2,906	-18	-0.6
10-14	3.023	2,866	3,097	74	2.4
15-19	2,644	2,900	3,454	810	30.6
20-24	1,410	2,025	2,866	1,456	103.3
25-20	864	807	2.463	1,599	185.1
30-34	627	725	1,673	1,046	166.8
35-39	742	574	1,067	325	43.8
40-44	801	754	736	-65	-8.1
45-49	927	807	818	-109	-11.8
50-54	956	932	829	-127	-13.3
55-59	971	929	896	-75	-7.7
60-64	866	929	850	-16	-1.8
65-69	826	777	962	-136	-16.5
70-74	645	723	750	105	16.3
75+	739	936	1,035	296	40.1
TOTAL	21,413	21,358	27,453	6,040	28.2

Special Breakouts for 1982

14-15	1,310
16-19	2,763
19 and Under	12,508
20-21	1,146
22-44	7,659
45-54	1,647
55 and Over	4,493

TABLE IE

SOUTHWEST DEVELOPMENT DISTRICT

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	2,523	2,208	3,010	487	19.3
5-9	2,776	2.501	2,948	172	6.2
10-14	3,105	2,748	3,406	301	9.7
15-19	2,866	3,068	3,575	709	24.7
20-24	1,738	2,359	2,768	1,030	59.3
25-29	1,121	1,073	2,200	1,079	96.3
30-34	903	998	1,965	1,062	117.6
35-39	927	896	1,492	565	60.9
40-44	1,169	931	1,172	3	0.3
45-49	1,048	1,196	1,151	103	9.8
50-54	1,109	1,047	1,383	274	24.7
55-59	1,048	1,078	1,180	132	12.6
60-64	1,114	1,055	1,182	68	6.1
65-69	1,026	1,090	1,083	57	5.6
70-74	635	958	884	249	39.2
75+	1,028	1,257	1,471	443	43.1
TOTAL	24,136	24,463	30,870	6,734	27.9

Special Breakouts for 1982

14-15	1,396
16-19	2,860
19 and Under	12,940
20-21	1,107
22-44	8,490
45-54	2,533
55 and Over	5,799

TABLE IF

SOUTHWEST DEVELOPMENT DISTRICT

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	0	9	10	10	0.0
5-9	0	0	11	11	0.0
10-14	8	0	0	-8	-100.0
15-19	0	8	0	0	0.0
20-24	21	18	26	5	23.8
25-29	0	4	0	0	0.0
30-34	0	0	8	8	0.0
35-39	0	0	0	0	0.0
40-44	3	0	0	-3	-100.0
45-49	0	3	0	0	0.0
50-54	7	0	3	-4	-57.1
55-59	5	7	0	-5	-100.0
60-64	0	5	6	6	0.0
65-69	0	0	5	5	0.0
70-74	0	0	0	0	0.0
75+	0	0	0	0	0.0
TOTAL	44	54	69	25	56.8

Special Breakouts for 1982

14-15	0
16-19	0
19 and Under	21
20-21	11
22-44	24
45-54	3
55 and Over	11

TABLE IG

SOUTHWEST DEVELOPMENT DISTRICT

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	0	9	10	10	0.0
5-9	0	0	11	11	0.0
10-14	11	0	0	-11	-100.0
15-19	17	11	0	-17	-100.0
20-24	0	15	10	10	0.0
25-29	0	0	17	17	0.0
30-34	0	0	0	0	0.0
35-39	5	0	0	-5	-100.0
40-44	17	5	0	-17	-100.0
45-49	0	17	6	6	0.0
50-54	0	0	20	20	0.0
55-59	0	0	0	0	0.0
60-64	0	0	0	0	0.0
65-69	0	0	0	0	0.0
70-74	0	0	0	0	0.0
75+	0	0	0	0	0.0
TOTAL	50	57	74	24	48.0

Special Breakouts for 1982

14-15	0
16-19	0
19 and Under	21
20-21	4
22-44	23
45-54	26
55 and Over	0

IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor Force

1. Annual CPS Labor Force Summaries by County - Tennessee Department of Employment Security, Research and Statistics

The civilian labor force for the Southwest Tennessee Development District increased by 24,850, or 34.2 percent from 1970 to 1980. Decatur County was the only county in the district to experience a decrease (6.6 percent) over the 11 year period. Madison County increased its labor force by 9,920, a gain of 34.4 percent.

2. U. S. Department of Labor, Manpower Administration, Lawrence Berkeley Laboratory Projections

The civilian labor force for the Southwest District is projected to be 105,245 in 1982. This will be a 56.9 percent increase over the 1970 figure of 67,091. The white male civilian labor force is projected to increase 33.0 percent, white female, 86.7 percent, non-white male, 57.6 percent, and non-white female, 82.3 percent.

3. Summary

The civilian labor force is defined as the sum of all employed and unemployed persons in the non-institutional population over 16 years of age who are not in the armed forces. A steady increase in the civilian labor force is expected during the next few years, because of continued population growth in the working age categories, the influx of new industries and the expansion of existing industries. Federally funded projects to train the unemployed and underutilized in marketable skills are expected to continue to increase the civilian labor force, because discouraged job seekers will be able to re-enter the labor market. Another factor which has been increasing the civilian labor force, and which is expected to continue, is the entry of more than one individual per family unit into the job market because of an inflated economy.

B. Employment and Unemployment

Total employment in the Southwest Tennessee Development District has grown by 19,810 workers, or 28.5 percent since 1970. Decatur County was the only county in the District to suffer an employment loss since 1970. Madison County had the largest gain in employment with an increase of 8,320 workers, or 29.7 percent. Employment is not projected to increase significantly during 1982. Double-digit inflation and double-digit interest rates may prevent employment from maintaining even its 1981 level.

Total unemployment has increased significantly since 1970. The number of unemployed workers increased 5,040, or 161.0 percent. It is obvious by the large unemployment increase that the Southwest Tennessee Development District has not fully recovered from the 1973 recession. The annual average unemployment rate for the District in 1970 was 4.3 percent; in 1980, it was 8.4 percent.

Total unemployment is not expected to decrease during 1982. Due to the rate of inflation and high interest rates, the unemployment rate is not expected to fall below 8.0 percent. These factors seem to be having a two-fold effect on the number of unemployed: Decreasing dollar values are forcing more than one person per family to enter the labor force in order to maintain a standard of living previously provided by one family member. At the same time, the declining purchasing power is affecting business' ability to invest in new plants and equipment. These factors combine to prolong unemployment.

TABLE II

SOUTHWEST TENNESSEE

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	2,865	2,155	710	1,578	1,287
18-19	5,231	3,848	1,383	2,642	2,589
20-24	14,349	10,648	3,701	7,558	6,791
25-34	29,391	22,602	6,789	14,231	15,160
35-44	22,587	19,163	3,424	11,409	11,178
45-64	26,707	21,694	5,012	14,845	11,862
65+	4,114	2,953	1,161	2,807	1,307
SPECIAL BREAKOUTS					
16-19	8,097	6,003	2,094	4,221	3,876
20-21	5,740	4,259	1,480	3,023	2,717
22-44	60,588	48,155	12,434	30,175	30,413
45-54	13,353	10,847	2,506	7,423	5,931
55 and Over	17,467	13,800	3,667	10,229	7,238
TOTAL	105,245	83,064	22,181	55,071	50,174

TABLE IIA

SOUTHWEST DEVELOPMENT DISTRICT

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	67,091	105,245	56.9	63,652	96,615	51.8	3,439	8,630	150.9	5.1	8.2
16-17	1,222	2,865	134.5								
18-19	2,954	5,231	77.1								
20-24	8,380	14,349	71.2	Information not available for age breakouts							
25-34	14,264	29,391	106.1								
35-44	13,389	22,587	68.7								
45-64	23,514	26,707	13.6								
65 and over	3,368	4,114	22.1								
Special Breakouts for 1982											
16-19		8,097									
20-21		5,740									
22-44		60,588									
45-54		13,353									
55 and over		17,467									

TABLE IIB

SOUTHWEST DEVELOPMENT DISTRICT

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	32,830	43,653	33.0	31,570	41,413	31.2	1,260	2,240	77.8	3.8	5.1
16-17	613	1,168	90.5								
18-19	1,207	1,883	56.0								
20-24	3,615	5,623	55.5	Information not available for age breakouts							
25-34	7,426	10,673	43.7								
35-44	6,691	9,963	48.9								
45-64	11,533	12,374	7.3								
65 and over	1,745	1,969	12.8								
Special Breakouts for 1982											
16-19		3,052									
20-21		2,249									
22-44		24,010									
45-54		6,187									
55 and over		8,155									

TABLE IIC

SOUTHWEST DEVELOPMENT DISTRICT

WHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	21,111	39,411	86.7	20,113	36,839	83.2	998	2,572	157.7	4.7	6.5
16-17	330	987	199.1								
18-19	1,066	1,965	84.3								
20-24	2,991	5,025	68.0	Information not available for age breakouts							
25-34	4,412	11,929	170.4								
35-44	4,270	9,200	115.5								
45-64	7,272	9,321	28.2								
65 and over	770	985	27.9								
Special Breakouts for 1982											
16-19		2,951									
20-21		2,010									
22-44		24,144									
45-54		4,660									
55 and over		5,645									

SOUTHWEST TENNESSEE

TABLE IID

SOUTHWEST DEVELOPMENT DISTRICT

NONWHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	7,245	11,417	57.6	6,726	9,937	47.7	499	1,480	196.6	6.9	13.0
16-17	195	410	110.3								
18-19	364	759	108.5								
20-24	965	1,934	100.4	Information not available for age breakouts							
25-34	1,256	3,558	183.3								
35-44	1,206	1,446	19.9								
45-64	2,688	2,471	-8.1								
65 and over	571	838	46.8								
Special Breakouts for 1982											
16-19		1,169									
20-21		773									
22-44		6,165									
45-54		1,233									
55 and over		2,076									

TABLE IIE

SOUTHWEST DEVELOPMENT DISTRICT

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	5,905	10,764	83.2	6,548	8,426	28.7	682	2,338	242.8	11.5	21.7
16-17	84	300	257.1								
18-19	317	625	97.2								
20-24	809	1,766	118.3	Information not available for age breakouts							
25-34	1,170	3,231	176.2								
35-44	1,222	1,978	61.9								
45-64	2,021	2,541	25.7								
65 and over	282	323	14.5								
Special Breakouts for 1982											
16-19		925									
20-21		706									
22-44		6,268									
45-54		1,270									
55 and over		1,593									

TABLE III

SOUTHWEST TENNESSEE

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT

	Labor Force		Employment		Unemployment		Rates	
	1970	1980	1970	1980	1970	1980	1070	1980
Chester	3,470	6,100	3,330	5,670	140	430	4.0	7.0
Decatur	5,030	4,700	4,800	4,280	230	420	4.6	8.9
Hardeman	7,290	8,480	7,090	7,450	200	1,030	2.7	12.1
Hardin	7,550	10,150	7,120	9,280	430	870	5.7	8.6
Haywood	6,490	8,340	6,100	7,420	390	920	6.0	11.0
Henderson	6,810	9,710	6,270	8,560	540	1,150	7.9	11.8
Madison	28,840	38,760	28,030	36,350	810	2,410	2.8	6.2
McNairy	7,160	11,250	6,770	10,310	390	940	5.4	8.4
Total	72,640	97,490	69,510	89,320	3,130	8,170	4.3	8.4

C. Characteristics of the Unemployed

The characteristics of unemployment insurance claimants served by Employment and Training offices in the Southwest Tennessee Development District can be used to pinpoint manpower services needed by unemployed workers. Of these claimants, 20.3 percent had been employed in benchwork occupations. Clerical and sales workers (18.4 percent) comprised the second largest occupational category. Females accounted for 52.5 percent of the insured unemployed, males 47.4 percent. Applicants in the 22-45 year old age bracket accounted for 74.4 percent of the total. Approximately 76.1 percent had attained at least 9 years of formal education. The social composition was 61.9 percent white, 37.7 percent black, and 0.4 percent other. Disadvantaged claimants totaled 27.0 percent, while 9.6 percent were veterans, 1.7 percent were handicapped, 7.1 percent were receiving welfare, and 4.7 percent were receiving foodstamps. Please refer to Table V for a more detailed breakout of characteristics.

TABLE IV

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	4.7
2 Clerical and Sales	18.4
3 Services	8.4
4 Farming, Fisheries, Forestry	.8
5 Processing	3.5
6 Machine Trades	16.7
7 Benchwork	20.3
8 Structural Work	14.3
9 Miscellaneous	11.2
Partials and Invalid Claims	1.7

SEX	PERCENT	EDUCATION	PERCENT
Males	47.4	0-8	12.2
Females	52.5	9-12	76.1
AGE		13-16	11.5
0-21	12.5	MISCELLANEOUS	
22 and over	87.6	Disadvantaged	27.0
RACE		Veteran	9.6
White	61.9	Handicapped	1.7
Black	37.7	Welfare	7.1
Other	.4	Foodstamp	4.7

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

		TOTAL	SEX		AGE			EDUCATION			RACE*							FOOD-
OCCUPATIONS -	DOT CODE	NUMBER	Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O	DISADV.	VETS	WELFARE	HANDICAP.	STAMP
Southwest		706	47.4	52.5	12.5	74.4	13.7	12.2	76.1	11.5	61.9	37.7	.4	27.0	9.6	7.1	1.7	4.7
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	33	39.4	60.6	6.	72.7	21.2	0	45.5	51.5	78.8	21.2	0	15.2	12.1	3.0	0	3.0
Prof. & Tech.	00-16	19	36.8	63.2	0	78.9	21.1	0	26.3	68.4	68.4	31.6	0	10.5	10.5	5.3	0	5.3
Architecture & Engineering	00-01	6	66.7	33.3	0	100.0	0	0	33.3	66.7	66.7	33.3	0	0	16.7	0	0	0
Math & Phy. Science	02	0																
Life Science	04	0																
Social Sciences	05	0																
Medicine & Health	07	3	0	100.0	0	100.0	0	0	66.7	33.3	100.0	0	0	33.3	0	0	0	0
Education	09	5	0	100.0	0	60.0	40.0	0	0	100.0	20.0	80.0	0	20.0	0	20.0	0	20.0
Museum & Archival Ser.	10	0																
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	0																
Art	14	0																
Entertainment & Recreation	15	0																
Administrative Specializations	16	5	60.0	40.0	0	60.0	40.0	0	20.0	60.0	100.0	0	0	0	20.0	0	0	0
Managerial	18	11	45.5	54.5	18.2	54.5	27.3	0	72.7	27.3	90.9	9.1	0	27.3	0	0	0	0
Miscellaneous Professional, Tech.	19	3	33.3	66.7	0	100.0	0	0	66.7	33.3	100.0	0	0	0	66.7	0	0	0
CLERICAL & SALES	2	130	18.5	81.5	13.8	74.6	11.5	3.8	69.2	23.8	81.5	19.2	0	16.9	5.4	3.1	0	1.5
Clerical	20-24	102	9.8	90.2	11.8	77.5	10.8	3.9	67.6	18.6	83.3	16.7	0	17.6	4.9	3.9	0	0
Typing, Filing, & Related Work	20	16	0	100.0	18.7	81.3	0	6.2	62.5	31.3	68.8	31.2	0	18.7	0	12.5	0	0
Computing & Account Recording	21	65	4.6	95.4	12.3	75.4	12.3	3.1	67.7	29.2	84.6	15.4	0	16.9	3.1	3.1	0	1.5
Material & Production Recording	22	13	53.8	46.2	7.7	76.9	15.4	7.7	69.2	23.1	84.6	15.4	0	15.4	23.1	0	0	0
Infor. & Message Distribution	23	5	0	100.0	0	100.0	0	0	80.0	20.0	100.0	0	0	20.0	0	0	0	0
Misc. Clerical	24	3	0	100.0	0	66.7	33.3	0	66.7	33.3	100.0	0	0	33.3	0	0	0	0
Sales	25-29	28	50.0	50.0	21.4	64.3	14.3	3.6	75.0	17.9	71.4	28.6	0	14.3	7.1	0	0	3.6
Salespersons, Ser.	25	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Salespersons, Commodities	26-28	12	75.0	25.0	16.7	66.7	16.7	8.3	50.0	33.3	66.7	33.3	0	16.7	16.7	0	0	0
Merchandising, except Sales	29	15	26.7	73.3	26.7	60.0	13.3	0	93.3	6.7	73.3	26.7	0	13.3	0	0	0	6.7

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	59	33.9	66.1	15.3	71.2	13.6	22.0	66.1	11.9	28.8	69.5	1.7	42.4	11.9	22.0	0	3.4
Domestic	30	1	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0	100.0	100.0	100.0	0	0
Other Service	31-38	58	34.5	65.5	15.5	70.7	13.8	22.4	65.5	12.1	29.3	69.0	1.7	41.4	10.3	20.7	0	3.4
Food Preparation & Service	31	26	15.4	84.6	11.5	76.9	11.5	19.2	69.2	11.5	23.1	73.1	3.8	38.5	3.8	23.1	0	0
Lodging & kindred	32	3	33.3	66.7	0	100.0	0	0	100.0	0	33.3	66.7	0	66.7	33.3	0	0	0
Barbering & kindred	33	2	0	100.0	50.0	50.0	0	0	100.0	0	100.0	0	0	50.0	0	0	0	0
Amusement & kindred	34	0																
Mis. Personal Ser.	35	9	0	100.0	33.3	55.6	11.1	11.1	66.7	22.2	22.2	77.8	0	55.6	0	33.3	0	11.1
Apparel & Furnish.	36	4	25.0	75.0	0	50.0	50.0	75.0	25.0	0	25.0	75.0	0	50.0	0	25.0	0	0
Protective Ser.	37	5	100.0	0	0	100.0	0	0	80.0	20.0	80.0	20.0	0	0	40.0	0	0	0
Building & kindred	38	9	100.0	0	22.2	55.6	22.2	44.4	44.4	11.1	11.1	88.9	0	44.4	22.2	22.2	0	11.1
FARMING, FISHERY, FORESTRY	4	6	100.0	0	50.0	50.0	0	33.3	66.7	0	66.7	33.3	0	50.0	0	0	0	0
Planting Farming	40	2	100.0	0	50.0	50.0	0	50.0	50.0	0	50.0	50.0	0	100.0	0	0	0	0
Animal Farming	41	1	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
Misc. Farming	42	1	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0
Fishery & kindred	44	0																
Forestry	45	2	100.0	0	100.0	0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Agricultural Service	46	0																
PROCESSING	5	25	52.0	48.0	12.0	84.0	4.0	16.0	80.0	4.0	40.0	60.0	0	52.0	4.0	20.0	4.0	12.0
Metal	50	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Refining & Foundry	51	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Food & kindred	52	8	25.0	75.0	25.0	75.0	0	12.5	87.5	0	12.5	87.5	0	87.5	12.5	37.5	12.5	0
Paper & kindred	53	0																
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	8	62.5	37.5	12.5	75.0	12.5	0	87.5	12.5	50.0	50.0	0	37.5	0	12.5	0	25.0
Wood & Wood Products	56	0																
Stone, Clay & kindred	57	3	66.7	33.3	0	100.0	0	0	100.0	0	33.3	66.7	0	33.3	0	33.3	0	33.3
Leather, Textiles & kindred	58	3	33.3	66.7	0	100.0	0	66.7	33.3	0	33.3	66.7	0	33.3	0	0	0	0
Processing, N.E.C.	59	1	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0	0	0	0
MACHINE TRADES	6	118	61.9	38.1	11.9	71.2	16.9	17.8	78.8	3.4	67.8	31.4	0.8	16.1	12.7	0	2.5	3.4
Metal Machining	60	35	54.3	45.7	14.3	65.7	20.0	28.6	71.4	0	77.1	22.9	0	11.4	8.6	0	2.9	8.6
Metalworking, N.E.C.	61	55	52.7	47.3	7.3	74.5	18.2	16.4	78.2	5.5	63.6	34.5	1.8	14.5	9.1	0	3.6	0
Machine Repairmen	62-63	15	100.0	0	20.0	60.0	20.0	13.3	80.0	6.7	73.3	26.7	0	13.3	46.7	0	0	0
Paperworking	64	0																
Printing	65	0																
Wood Machining	66	4	100.0	0	25.0	75.0	0	0	100.0	0	50.0	50.0	0	50.0	0	0	0	25.0
Maching Stone, Glass & kindred	67	0																
Textile	68	2	50.0	50.0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
Machine Trades, N.E.C.	69	7	71.4	28.6	14.3	85.7	0	0	100.0	0	71.4	28.6	0	42.9	0	0	0	0

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCH WORK (Fabrication, Assembly, & Repair)	7	143	15.4	84.6	5.6	82.5	11.9	11.2	86.7	2.1	42.0	58.0	0	37.8	2.1	10.5	0.7	4.9
Metal Products, N.E.C.	70	31	38.7	61.3	12.9	77.4	9.7	3.2	93.5	3.2	54.8	45.2	0	19.4	3.2	0	0	3.2
Scientific & Medical Good & kindred	71	1	0	100.0	0	0	100.0	100.0	0	0	0	100.0	0	100.0	0	100.0	0	0
Electrical Equipment	72	8	37.5	62.5	0	100.0	0	12.5	75.0	12.5	50.0	50.0	50.0	50.0	0	0	0	0
Products from Assorted Materials	73	9	11.1	88.9	0	77.8	22.2	11.1	88.9	0	44.4	55.6	0	44.4	0	44.4	11.1	0
Painting & kindred	74	1	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
Plastics, Rubber & kindred	75	0																
Wood Products	76	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0
Sand, Stone & kindred Products	77	1	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	100.0	100.0	100.0	0	0
Textile, Leather & kindred Products	78	90	2.2	97.8	3.3	84.4	12.2	12.2	86.7	1.1	37.8	62.2	0	40.0	1.1	8.9	0	6.7
Benchwork, N.E.C.	79	1	100.0	0	100.0	0	0	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0
STRUCTURAL WORK	8	101	93.1	6.9	15.8	71.3	12.9	12.9	78.2	8.9	83.2	15.8	1.0	16.8	14.9	2.0	5.0	5.0
Metal Fabricating, N.E.C.	80	11	90.9	9.1	18.2	63.6	18.2	9.1	72.7	18.2	54.5	45.5	0	36.4	9.1	0	9.1	0
Welders & kindred	81	9	88.9	11.1	11.1	88.9	0	0	100.0	0	77.8	22.2	0	0	11.1	0	0	0
Electrical	82	15	86.7	13.3	6.7	86.7	6.7	6.7	80.0	13.3	86.7	13.3	0	20.0	26.7	0	6.7	6.7
Painting, Plastering & kindred	84	4	75.0	25.0	0	75.0	25.0	50.0	50.0	0	100.0	0	0	0	0	0	25.0	0
Excavating & kindred	85	12	100.0	0	16.7	66.7	16.7	8.3	83.3	8.3	83.3	16.7	0	16.7	8.3	0	0	0
Construction	86	44	95.5	4.5	18.2	68.2	13.6	18.2	75.0	6.8	88.6	9.1	2.3	18.2	15.9	4.5	4.5	9.1
Structural, N.E.C.	89	6	100.0	0	33.3	50.0	16.7	0	83.3	16.7	83.3	16.7	0	0	16.7	0	0	0
MISCELLANEOUS	9	79	82.3	17.7	16.5	69.6	13.9	13.9	81.0	5.1	57.0	43.0	0	30.4	20.3	3.8	2.5	11.4
Motor Freight, Transportation	90-91	31	90.3	9.7	16.1	61.3	22.6	19.4	80.6	0	77.4	22.6	0	29.0	22.6	3.2	6.5	12.9
Packaging & Material Handling	92	46	78.3	21.7	17.4	73.9	8.7	10.9	80.4	8.7	41.3	58.7	0	32.6	19.6	4.3	0	10.9
Other Misc.	93-97	2	50.0	50.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Extraction of Minerals	93	0																
Production & Distribution of Utilities	95	0																
Amusement & kindred, N.E.C.	96	0																
Graphic Art Work	97	2	50.0	50.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
PARTIALS & INVALID CODES	99	12	41.7	58.3	16.7	75.0	8.3	8.3	75.0	16.7	50.0	50.0	0	75.0	0	58.3	0	0

* W-White B-Black O-Other

D. Industry

Nonagricultural wage and salary employment decreased by 1,340 workers, or 2.0 percent, between 1979 and 1980. Manufacturing industries lost 1,910 employees (7.2 percent). Durable goods (products which have a life expectancy of a year or more - examples: stoves, refrigerators, automobile parts, etc.) had the largest decrease between 1979 and 1980--11.2 percent, or 1,330 workers. The largest durable goods decreases occurred in fabricated metal products, nonelectrical machinery, and electrical machinery, equipment and supplies. Nondurable goods (products which have a life expectancy of less than one year - examples: food, apparel, etc.) lost 580 employees, or 4.0 percent. The largest nondurable decreases came from paper and allied products and rubber and miscellaneous plastic industries. Nonmanufacturing industries increased 570 workers (1.5 percent) between 1979 and 1980.

Nonagricultural wage and salary employment in the Southwest District seems to parallel the State of Tennessee and the United States. During periods of economic uncertainty, durable goods industries are a prime indicator of a recession--from 1979-1980, durable goods decreased over twice as much as nondurables.

TABLE VI

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
Total	65,470	64,130	-1,340	-2.0
Manufacturing	26,390	24,480	-1,910	-7.2
Durable Goods	11,830	10,500	-1,330	-11.2
Lumber	1,970	1,810	-160	-8.1
Furniture	1/	1/	1/	1/
Stone, Clay, and Glass	1,310	1,210	-100	-7.6
Primary Metal Industries	1/	1/	1/	1/
Fabricated Metal Products	2,490	1,970	-520	-20.9
Machinery, Non-electrical	2,760	2,350	-410	-14.9
Electrical Machinery, Equipment and Supplies	1,980	1,660	-320	-16.2
Transportation Equipment	1/	1/	1/	1/
Professional, Scientific and Controlling Instruments	1/	1/	1/	1/
All Other Durable	1,320	1,500	180	13.6
Nondurable Goods	14,560	13,980	-580	-4.0
Food and Kindred Products	2,330	2,230	-100	-4.3
Tobacco	0	0	0	0
Textile Mill Products	2/	2/	2/	2/
Apparel	6,050	6,020	-30	-0.5
Paper and Allied Products	1,140	870	-270	-23.7
Printing and Publishing	320	310	-10	-3.1
Chemicals and Allied Products	2/	2/	2/	2/
Petroleum and Refining	0	0	0	0
Rubber and Miscellaneous	1,580	1,340	-240	-15.2
Leather	2/	2/	2/	2/
All Other Nondurable	3,140	3,210	70	2.2
Nonmanufacturing	39,080	39,650	570	1.5
Contract Construction	2,840	2,560	-280	-9.9
Transportation and Public Utilities	2,280	2,260	-20	-0.9
Trade	11,730	11,400	-330	-2.8
Finance, Insurance and Real Estate	1,770	1,840	70	4.0
Services	6,710	7,000	290	4.3
Government	13,450	14,280	830	6.2
All Other Nonmanufacturing	300	310	10	3.3

1/ Included in "All Other Durable" to avoid disclosure of individual establishment data.
2/ Included in "All Other Nondurable" to avoid disclosure of individual establishment data.

E. Occupation

Table VII shows projected employment by broad occupational categories. Table VII and Table VIII include counties from both Southwest and Northwest Tennessee Districts. Information was not available for each area separately.

Employment for all occupations is projected to increase 44.2 percent between 1970 and 1982. The greatest percentage increases should be in the professional, technical and related category (72.3 percent), and managers, officials, and proprietors (67.9 percent). The operatives category is expected to gain the greatest number of employees--increasing 18,179 employees between 1970 and 1982. Agricultural workers posted the only percentage decrease between 1970 and 1982 (38.9 percent). The number of job openings from 1970 to 1982 should average 11,129 annually in the Northwest-Southwest Tennessee Districts. The table on employment by broad occupational category reflects this area's continued movement away from agriculture toward a more diversified economy.

TABLE VII

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1982	Avg. Annual Job Openings
Total All Occupations	154,870	223,321	44.2	11,129
Professional, Technical and Kindred	12,189	21,005	72.3	1,325
Managers, Officials and Proprietors	10,073	16,916	67.9	967
Sales Workers	7,725	10,905	41.2	624
Clerical Workers	13,076	20,938	60.1	1,491
Crafts and Kindred Workers	18,065	27,689	53.3	1,237
Operatives	38,845	57,024	46.8	3,121
Service Workers	16,576	26,515	60.0	1,949
Laborers, Except Farm	6,196	8,061	30.1	303
Farmers & Farm Workers	11,087	6,775	-38.9	110

Source: Tennessee Employment Outlook - Regional Estimates for Occupations, 1970-1980. Tennessee Department of Employment Security.

TABLE VIII

HIGH DEMAND OCCUPATIONS

OCCUPATIONS	ANNUAL JOB OPENINGS 1970-1980*	PERCENT OF TOTAL	DUE TO	
			NEW JOBS	SEPARATIONS
Sewers & Stitchers	1,067	9.59	435	632
Secretaries, other than legal and medical	430	3.86	195	235
Sales clerks, retail	332	2.98	95	237
Bookkeepers	286	2.57	113	173
Checkers, Examiners, etc., mfg.	286	2.57	149	137
Hairdressers, Cosmetologists	284	2.55	160	124
Assemblers	273	2.45	144	129
Janitors and Sextons	271	2.44	152	119
Elementary School Teachers	247	2.22	73	174
Misc. Machine Operatives	245	2.20	144	101
Carpenters	205	1.84	112	93
Cooks, except private	197	1.77	76	121
Nurses aides, orderlies	196	1.76	98	98
Clergymen	136	1.22	101	35
Waiters	134	1.20	45	89
Registered Nurses	124	1.11	54	70
Farmers (owners & tenants)	120	1.08	-299	419
Packers, wrapper, except meat, produce	119	1.07	62	59
Maids, servants, private	109	.98	-49	158
Auto Mechanics	105	.94	76	29

* Latest information available at the time of publication.

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Analysis

The characteristics of applicants served by Employment and Training Offices in the Southwest Tennessee Development District can be used to pinpoint the manpower services needed by these job seekers. Of these applicants, 22.7 percent had been employed in service occupations. Females accounted for 59.9 percent of the total, males 40.1 percent. Nonwhite females accounted for 33.7 percent of the total. Fifty-five percent of all applicants fell within the 22 to 45 years old age bracket. Approximately 70.9 percent had attained at least 9 years of formal education. Racial composition was 48.4 percent white, and 51.6 percent nonwhite. Disadvantaged applicants made up 59.3 percent of the total, while 6.7 percent were veterans, 1.8 percent were handicapped, 30.0 percent were receiving welfare, and 11.9 percent were receiving foodstamps.

The ESAR Applicant Characteristics and Occupations table can benefit trainers who are trying to set up classes. The DOT Code breakouts by occupations show the number of applicants whose primary work experience was in the occupation in which they were coded.

TABLE IX

ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS		*PERCENT
0-1	Professional, Technical, Managerial	2.7
2	Clerical and Sales	12.1
3	Services	22.7
4	Farming, Fisheries, Forestry	5.0
5	Processing	2.4
6	Machine Trades	8.7
7	Benchwork	14.6
8	Structural Work	8.4
9	Miscellaneous	12.5
	Partials and Invalid Claims	10.7

SEX	PERCENT
Males	40.1
Females	59.9
AGE	
0-21	31.0
22 and over	69.0
RACE	
White	48.4
Nonwhite	51.6
Nonwhite Female	33.7

EDUCATION	PERCENT
0-8	21.1
9-12	70.9
13-16	7.8
MISCELLANEOUS	
Disadvantaged	59.3
Veteran	6.7
Handicapped	1.8
Welfare	30.0
Foodstamp	11.9

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980.

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
Southwest Tennessee		5,263	40.1	59.9	31.0	55.5	13.5	21.1	70.9	7.8	48.4	51.6	33.7	59.3	6.7	30.0	1.8	11.9
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	143	48.3	51.7	13.3	74.8	11.9	1.4	45.5	51.0	63.6	36.4	24.5	35.7	16.1	9.8	2.8	9.1
Prof. & Tech.	00-16	80	36.2	63.8	12.5	73.8	13.7	0	38.8	57.5	57.5	42.5	31.2	36.2	16.2	12.5	2.5	8.8
Architecture & Engineering	00-01	12	75.0	25.0	0	100.0	0	0	25.0	75.0	66.7	33.3	8.3	16.7	25.0	0	8.3	8.3
Math & Phy. Science	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Life Science	04	4	75.0	25.0	0	75.0	25.0	0	0	100.0	25.0	75.0	25.0	25.0	25.0	0	0	25.0
Social Sciences	05	1	100.0	0	100.0	0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Medicine & Health	07	20	10.0	90.0	20.0	65.0	15.0	0	60.0	40.0	70.0	30.0	25.0	40.0	15.0	15.0	0	15.0
Education	09	21	23.8	76.2	9.5	76.2	14.3	0	28.6	66.7	28.6	71.4	61.9	52.4	9.5	28.6	0	9.5
Museum & Arch. Ser.	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Law & Jurisprudence	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Religion & Theology	12	2	50.0	50.0	50.0	0	50.0	0	100.0	0	0	100.0	50.0	100.0	0	0	0	0
Writing	13	1	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Art	14	5	20.0	80.0	20.0	80.0	0	0	60.0	40.0	80.0	20.0	20.0	60.0	0	20.0	0	0
Entertainment & Recreation	15	2	50.0	50.0	0	100.0	0	0	100.0	0	100.0	0	0	0	50.0	0	50.0	0
Administrative Specializations	16	12	41.7	58.3	8.3	66.7	25.0	0	25.0	58.3	75.0	25.0	25.0	16.7	25.0	0	0	0
Managerial	18	45	71.1	28.9	8.9	77.8	13.3	2.2	57.8	40.0	86.7	13.3	6.7	31.1	17.8	4.4	4.4	13.3
Miscellaneous Professional, Tech.	19	18	44.4	55.6	27.8	72.2	0	5.6	44.4	50.0	33.3	66.7	38.9	44.4	11.1	11.1	0	0
CLERICAL & SALES	2	637	16.0	84.0	31.4	60.8	7.8	3.8	69.7	26.1	68.1	31.9	25.7	40.2	6.6	15.4	2.7	4.9
Clerical	20-24	518	10.4	89.6	31.5	60.8	7.7	3.3	69.3	27.0	68.1	31.9	26.6	40.9	5.0	15.3	2.1	3.5
Typing, Filing, & Related Work	20	95	1.1	98.9	32.6	61.1	6.3	3.2	61.1	34.7	55.8	44.2	44.2	56.8	3.2	24.2	1.1	3.2
Computing & Account Recording	21	315	3.5	96.5	29.8	61.6	8.6	2.2	71.7	25.7	75.2	24.8	23.2	34.3	2.9	13.0	2.2	3.2
Material & Prod. Recording	22	53	75.5	24.5	34.0	58.5	7.5	7.5	67.9	24.5	52.8	47.2	7.5	37.7	22.6	5.7	3.8	7.5
Infor. & Message Distribution	23	37	2.7	97.3	43.2	54.1	2.7	5.4	70.3	24.3	67.6	32.4	32.4	54.1	0	16.2	2.7	0
Misc. Clerical	24	18	5.6	94.4	22.2	66.7	11.1	5.6	72.2	22.2	55.6	44.4	38.9	55.6	11.1	33.3	0	5.6
Sales	25-29	119	40.3	59.7	31.1	60.5	8.4	5.9	71.4	21.8	68.1	31.9	21.8	37.0	13.4	16.0	5.0	10.9
Salesperson, Ser.	25	6	83.3	16.7	0	83.3	16.7	0	66.7	33.3	66.7	33.3	16.7	33.3	50.0	0	16.7	33.3
Salespersons, Commodities	26-28	52	48.1	51.9	26.9	61.5	11.5	7.7	63.5	26.9	71.2	28.8	21.2	40.4	13.5	15.4	5.8	3.8
Merchandising, except Sales	29	61	29.5	70.5	37.7	57.4	4.9	4.9	78.7	16.4	65.6	34.4	23.0	34.4	9.8	18.0	3.3	14.8

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

		TOTAL	SEX		AGE			EDUCATION			RACE*							FOOD-
OCCUPATIONS -	DOT CODE	NUMBER	Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF	DISADV.	VETS	WELFARE	HANDICAP.	STAMP
SERVICE	3	1,195	18.7	81.3	34.2	48.6	17.2	26.3	69.3	4.4	31.0	69.0	57.2	78.7	3.3	53.8	1.2	6.9
Domestic	30	294	2.4	97.6	21.8	43.2	35.0	44.9	54.4	.7	13.9	86.1	85.0	89.8	.3	74.8	.7	8.5
Other Service	31-38	901	24.0	76.0	38.3	50.4	11.3	20.2	74.1	5.5	36.5	63.5	48.1	75.0	4.3	46.9	1.3	6.3
Food Preparation & Service	31	432	15.5	84.5	38.9	48.6	12.5	20.8	73.4	5.6	43.5	56.5	46.5	69.7	2.8	42.8	1.6	6.5
Lodging & kindred	32	77	5.2	94.8	20.8	70.1	9.1	24.7	71.4	3.9	20.8	79.2	76.6	89.6	1.3	77.9		5.2
Barbering & kindred	33	12	16.7	83.3	33.3	50.0	16.7	16.7	66.7	16.7	66.7	33.3	33.3	66.7	8.3	33.3	8.3	0
Amusement & kindred	34	1	100.0	0	0	100.0	0	0	0	100.0	0	100.0	0	100.0	0	0	0	0
Misc. Pers. Ser.	35	148	4.1	95.9	25.0	64.9	10.1	12.2	80.4	7.4	33.1	66.9	64.2	76.4	1.4	62.2	2.0	6.1
Apparel & Furnish.	36	44	18.2	81.8	13.6	72.7	13.6	25.0	70.5	4.5	25.0	75.0	70.5	86.4	4.5	63.6	0	6.8
Protective Service	37	28	71.4	28.6	17.9	78.6	3.5	7.1	75.0	17.9	60.7	39.3	17.9	53.6	46.4	14.3	3.5	7.1
Building & kindred	38	159	67.9	32.1	68.5	20.8	10.7	25.2	73.6	1.2	25.2	74.8	23.9	82.4	5.0	31.4	0	6.9
FARMING, FISHERY, FORESTRY	4	265	64.5	35.5	31.3	37.7	30.9	56.2	41.9	1.9	40.0	60.0	27.2	80.8	4.2	39.6	2.3	20.0
Plant Farming	40	158	54.4	45.6	35.4	34.2	30.4	57.6	40.5	1.9	29.7	70.3	37.3	91.8	2.5	48.1	0	15.2
Animal Farming	41	8	75.0	25.0	25.0	37.5	37.5	25.0	75.0	0	87.5	12.5	0	37.5	12.5	12.5	0	12.5
Misc. Farming	42	77	75.3	24.7	22.1	44.1	33.8	59.7	40.3	0	42.9	57.1	16.9	79.2	5.2	35.1	6.5	27.3
Fishery & kindred	44	1	100.0	0	0	100.0	0	100.0	0	0	100.0	0	0	0	0	0	0	0
Forestry	45	21	95.2	4.8	38.1	38.1	23.8	42.9	47.6	9.5	85.7	14.3	0	23.8	9.5	4.8	4.8	33.3
Agricultural Service	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROCESSING	5	128	32.8	67.2	20.3	71.9	7.8	20.3	74.2	5.5	27.3	72.7	54.7	73.4	3.1	43.0	2.3	7.8
Metal	50	9	66.7	33.3	33.3	66.7	0	0	88.9	11.1	22.2	77.8	33.3	77.8	11.1	22.2	0	11.1
Refining & Foundry	51	3	100.0	0	0	100.0	0	0	100.0	0	33.3	66.7	0	33.3	0	0	0	0
Food & kindred	52	63	15.9	84.1	27.0	61.9	11.1	23.8	74.6	1.6	14.3	85.7	77.8	85.7	1.6	57.1	1.6	6.3
Paper & kindred	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum & kindred	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals, Plastics & kindred	55	31	45.2	54.8	16.1	74.2	9.7	12.9	71.0	16.1	51.6	48.4	29.0	61.3	3.2	25.8	6.5	12.9
Wood & Wood Products	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone, Clay & kindred	57	11	36.4	63.6	9.1	90.9	0	27.3	72.7	0	36.4	63.6	45.5	63.6	0	63.6	0	9.1
Leather, Textiles & kindred	58	8	25.0	75.0	0	100.0	0	37.5	62.5	0	25.0	75.0	50.0	50.0	12.5	25.0	0	0
Processing, N.E.C.	59	3	100.0	0	0	100.0	0	33.3	66.7	0	33.3	66.7	0	66.7	0	0	0	0
MACHINE TRADES	6	460	57.0	43.0	20.4	67.0	12.6	22.6	73.0	4.3	64.1	35.9	17.8	42.8	11.5	18.7	1.3	12.4
Metal Machining	60	112	50.9	49.1	24.1	65.2	10.7	24.1	73.2	2.7	63.4	36.6	22.3	42.0	9.8	21.4	.9	8.9
Metalworking, N.E.C.	61	166	52.4	47.6	14.4	68.7	16.9	20.5	71.1	8.4	62.7	37.3	17.5	34.9	9.6	10.8	1.8	14.5
Machine Repair	62-63	60	95.0	5.0	26.7	60.0	13.3	20.0	76.7	3.3	76.7	23.3	3.3	33.3	30.0	6.7	1.7	10.0
Paperworking	64	4	50.0	50.0	0	100.0	0	25.0	75.0	0	75.0	25.0	25.0	0	0	0	0	0
Printing	65	3	66.7	33.3	33.3	66.7	0	0	66.7	33.3	0	100.0	33.3	66.7	0	0	0	0
Wood Machining	66	48	83.3	16.7	20.8	64.6	14.6	35.4	64.6	0	60.4	39.6	12.5	50.0	10.4	18.8	0	25.0
Maching. Stone, Glass & kindred	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile	68	14	28.6	71.4	7.1	85.7	7.1	14.3	85.7	0	42.9	57.1	42.9	64.3	14.3	57.1	7.1	0
Machine Trades. . . .	69	53	24.5	75.5	28.3	67.9	3.8	20.8	79.2	0	67.9	32.1	22.6	69.8	1.9	43.4	0	9.4

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE *			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCHWORK (Fabrication, Assembly, & Repair)	7	769	13.8	86.2	26.8	62.2	11.0	17.8	80.1	2.1	48.2	51.8	44.5	67.2	2.1	32.5	1.4	7.9
Metal Products, N.E.C.	70	213	17.8	82.2	41.3	46.0	12.7	17.4	80.7	1.9	31.0	69.0	57.7	76.1	1.9	24.4	1.4	8.9
Scientific & Medical Good & kindred	71	21	47.6	52.4	33.3	57.2	9.5	28.6	71.4	0	19.0	81.0	47.6	90.5	9.5	42.9	0	19.0
Electrical Equipment	72	42	16.7	83.3	11.9	83.3	4.8	7.1	88.1	4.8	42.9	57.1	54.8	64.3	7.1	31.0	2.4	0
Products from Assorted Materials	73	30	3.3	96.7	0	90.0	10.0	23.3	76.7	0	33.3	66.7	66.7	80.0	0	80.0	3.3	0
Painting & kindred	74	10	70.0	30.0	0	100.0	0	30.0	70.0	0	60.0	40.0	20.0	60.0	20.0	30.0	0	10.0
Plastics, Rubber & kindred	75	11	27.3	72.7	36.4	36.3	27.3	45.5	54.5	0	54.5	45.5	27.3	63.6	0	45.5	0	0
Wood Products	76	6	83.3	16.7	33.3	50.0	16.7	16.7	83.3	0	66.7	33.3	16.7	50.0	16.7	16.7	0	0
Sand, Stone & kindred Products	77	2	50.0	50.0	50.0	50.0	0	50.0	50.0	0	0	100.0	50.0	100.0	50.0	100.0	0	0
Textile, Leather & kindred Products	78	402	6.5	93.5	19.9	69.4	10.7	16.9	80.6	2.5	62.4	37.6	34.8	58.5	.7	31.8	1.0	8.5
Benchwork, N.E.C.	79	32	25.0	75.0	59.4	28.1	12.5	18.8	81.2	0	18.8	81.2	59.4	100.0	0	40.6	6.2	9.4
STRUCUTRAL WORK	8	444	93.7	6.3	33.1	59.2	7.7	18.9	75.9	5.0	72.1	27.9	2.0	42.1	19.8	7.9	3.4	16.9
Metal Fabricating, N.E.C.	80	28	92.9	7.1	7.1	85.7	7.1	3.6	82.1	14.3	60.7	39.3	7.1	35.7	21.4	3.6	3.6	14.3
Welders & kindred	81	29	82.8	17.2	20.7	75.9	3.4	13.8	82.8	3.4	58.6	41.4	6.9	27.6	20.7	6.9	0	10.3
Electrical	82	44	84.1	15.9	6.8	88.6	4.6	9.1	79.5	11.4	81.8	18.2	4.6	25.0	45.5	6.8	9.1	9.1
Painting, Plastering & kindred	84	26	84.6	15.4	11.5	76.9	11.5	26.9	69.2	0	73.1	26.9	3.8	34.6	19.2	0	7.7	7.7
Excavating & kindred	85	21	100.0	0	14.3	66.7	19.0	9.5	81.0	9.5	76.2	23.8	0	33.3	19.0	0	0	19.0
Construction	86	259	97.7	2.3	41.7	51.7	6.6	22.4	74.5	3.1	74.9	25.1	.4	46.3	16.2	8.1	3.1	21.6
Structural, N.E.C.	89	37	89.2	10.8	59.5	27.0	13.5	21.6	73.0	5.4	56.8	43.2	2.7	59.5	13.5	21.6	0	5.4
MISCELLANEOUS	9	659	73.1	26.9	37.9	53.7	8.4	17.0	79.2	3.6	45.2	54.8	17.0	61.6	10.9	21.7	2.3	16.7
Motor Freight, Transportation	90-91	165	87.9	12.1	22.4	64.2	13.3	19.4	76.4	4.2	70.3	29.7	7.9	47.9	21.8	13.3	4.2	28.5
Packaging & Material Handling	92	477	67.9	32.1	43.0	50.1	6.9	16.4	80.3	3.3	36.1	63.9	20.3	66.5	7.3	24.3	1.7	12.8
Other Misc.	93-97	17	76.5	23.5	47.1	52.9	0	11.8	76.5	5.9	58.8	41.2	11.8	58.8	5.9	29.4	0	11.8
Extraction of Minerals	93	2	100.0	0	0	100.0	0	50.0	50.0	0	100.0	0	0	50.0	0	0	0	50.0
Production & Distribution of Utilities	95	9	100.0	0	66.7	33.3	0	11.1	77.8	11.1	55.6	44.4	0	66.7	11.1	22.2	0	11.1
Amusement & kindred, N.E.C.	96	1	100.0	0	100.0	0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0
Graphic Art Work	97	5	20.0	80.0	20.0	80.0	0	0	80.0	0	60.0	40.0	40.0	40.0	0	60.0	0	0
PARTIALS & INVALID CODES	99	563	42.5	57.5	34.8	44.2	21.0	27.7	67.3	4.8	39.8	60.2	36.6	46.4	.5	26.6	.5	23.6

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of Need

The total universe of need for manpower services in the Southwest Tennessee Development District during fiscal year 1982 is projected at 41,072. Of this total 10,154 individuals will be classified as poor and 30,918 as nonpoor. Among the nonpoor, 9,923 people will be considered near proverty--almost as many as will be poor. The number of individuals unemployed in fiscal year 1982 is projected at 24,510. Unemployed Vietnam era veterans should number approximately 380.

TABLE XI

UNIVERSE OF NEED FOR MANPOWER SERVICES

SOUTHWEST

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	41,072
a. Poor	10,154
(1) Disadvantaged	9,932
(2) Other Poor	222
b. Nonpoor	30,918
(1) Near Poverty	9,923
(2) All other Nonpoor	20,995
2. Unemployed and Underutilized Disadvantaged Total	9,932
a. Unemployed	1,226
b. Underutilized	8,706
(1) Employed part-time for economic reasons	890
(2) Employed full-time but with family income at or below poverty level	4,530
(3) Not in labor force but should be	3,286
3. Total Number of Different Individuals Unemployed in year	24,510
4. Vietnam Veterans-unemployed	380
5. Total veterans (needing manpower services)	6,456
6. School Dropouts during '79 school year	640
7. Welfare recipients (families)	3,181
8. Female Heads of Households	6,390
a. Disadvantaged - Female heads of Households	3,107

VI. ECONOMICALLY DISADVANTAGED

A. Barriers to Employment

From an objective point of view, the following are listed as barriers to employment:

1. Discrimination (Race and Sex)
2. Lack of Skills
3. Incumbent Insecurity
4. Lack of Transportation
5. Lack of Child Care
6. Transfer payments (Welfare, Unemployment Insurance, etc.)
7. Deficit Demand
8. Lack of Desire to Work
9. Inability to Work (e.g.: permanently disabled)

While the above list is by no means comprehensive, it does include those barriers considered most common. Interviews with disadvantaged individuals would provide a list almost equal to the number of respondents; however, upon close examination most would fall into one of the above categories.

B. Characteristics

The variance in total disadvantaged between Table XI and Table XII reflects the use of two unique methodologies.

The total number of economically disadvantaged in the Southwest Tennessee Development District is expected to be 63,614 in fiscal year 1982. The total will be composed of 44.4 percent, or 28,251 minority and 4.9 percent, or 3,107 female heads of household. Hardeman, Haywood, and Madison Counties are projected to have a higher percentage of minority disadvantaged than the total area. These same counties are also projected to have percentage rates equal to, or higher than, the total area for disadvantaged female heads of household.

TABLE XII

ECONOMICALLY DISADVANTAGED

County	1982 Population Projections	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Chester	12,910	9,927	29.4	3,796	698	18.4
Decatur	9,994	9,457	23.4	2,339	131	5.6
Hardeman	19,564	22,435	36.7	7,180	4,229	58.9
Hardin	21,383	18,212	33.7	7,206	749	10.4
Haywood	22,848	19,596	49.9	11,401	8,893	78.0
Henderson	20,962	17,360	27,9	5,848	789	13.5
Madison	77,455	65,774	24.1	18,667	11,779	63.1
McNairy	21,949	18,369	32.7	7,177	983	13.7
Southwest Development District	207,065	181,130	30.7	63,614	28,251	44.4

Source: 1970 Census

TABLE XIII

FEMALE HEADS OF HOUSEHOLDS
AND
ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

County	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Chester	12,910	323	2.5	142	1.1	44.0
Decatur	9,994	280	2.8	100	1.0	35.7
Hardeman	19,564	528	2.7	293	1.5	55.5
Hardin	21,383	641	3.0	257	1.2	40.1
Haywood	22,848	823	3.6	526	2.3	63.9
Henderson	20,962	524	2.5	231	1.1	44.1
Madison	77,455	2,788	3.6	1,317	1.7	47.2
McNairy	21,949	483	2.2	241	1.1	49.9
Southwest Development District	207,065	6,390	3.1	3,107	1.5	48.6

Source: 1970 Census

VII. APPENDIX

A. References:

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Survey of High School Graduates, Tennessee Department of Employment Security, Research and Statistics Section.

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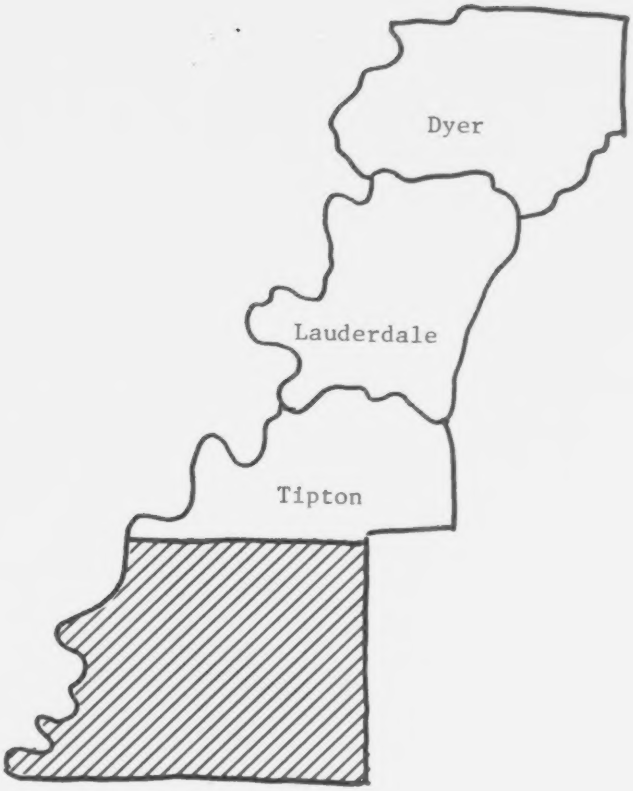
B. Southwest Tennessee Job Service Offices

	Telephone
Chester County EDC Public Safety Building Crook Avenue, Box 391 Henderson (38340)	901/989/7575
Decatur County EDC 208 E. Main St., P.O.Box 365 Parsons (38363)	901/847-6531
Hardeman County EDC Hardeman County Courthouse, P.O. Box 322 Bolivar (38008)	901/658-6442
Savannah (Hardin County) Job Service 1206 Wayne Road Savannah (38372)	901/925-5095
Brownsville (Haywood County) Job Service 1142 N. Washington, P.O.Box 413 Brownsville (38012)	901/772-3490
Lexington (Henderson County) Job Service 67 West Church Street Lexington (38351)	901/968-8159
McNairy County EDC Selmer Courthouse Selmer (38375)	901/645-6805
Jackson North (Madison County) Watkins Tower, Suite 200 Old Hickory Blvd., Box 788 Jackson (38301)	901/668-8900
Jackson South (Madison County) 228 W. Baltimore Jackson (38301)	901/423-2711

C. Unemployment Insurance Offices

	Telephone
Jackson (Madison County) 411 B. Airways Blvd. P. O. Box 758 Jackson (38301)	901/424-5141
Henderson (Chester County) Public Safety Bldg. 9:00 - 10:30 Every other Wednesday	
Bolivar (Hardeman County) Bolivar Electric Co. Highway 18 South 9:00 - 11:30 Every other Wednesday	
Savannah (Hardin County) 917 Main Street P. O. Box 369 Savannah, (38372)	901/925-2587
Selmer (McNairy County) Courthouse, Main Street 8:00 - 4:30 Wednesday	901/645-3990
Brownsville (Haywood County) 1142 North Washington 9:00 - 12:00 Wednesday	901/772-3490
Lexington (Henderson County) 67 W. Church St. Lexington (38351)	901/968-4251
Parsons (Decatur County) East Main Street 9:00 - 11:00 Wednesday	

MEMPHIS DELTA DEVELOPMENT DISTRICT


Dyer
Lauderdale
Tipton

PREPARED BY:

Roy Pierce
Manpower Specialist
Jackson
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MEMPHIS DELTA DEVELOPMENT DISTRICTS

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I. HIGHLIGHTS AND CONCLUSIONS

The population for the four county Memphis-Delta Development District in 1970 was 100,856 and is projected to decrease by 1982 to 92,785, a 8.0 percent loss.

The civilian labor force for the district averaged 49,620 in 1980, compared to 39,640 in 1970. Employment averaged 45,790 in 1980, compared to 38,050 in 1970. Unemployment, in 1980, averaged 3,830 for an annual average unemployment rate of 7.7 percent.

A number of factors will lead to a somewhat steady increase in employment and the civilian labor force during FY 1982. These will include population growth among working age groups, new industry and expansions among existing industries. Entry into the job market of more than one individual from many family units plus federally funded projects to train the unemployed and underutilized will also contribute to the number employed in the district.

The total universe of need (those in need of manpower service) in fiscal year 1982 for the Memphis-Delta District is projected to be 20,714 persons. Of this figure, 5,770, or 27.9 percent, will be categorized as poor and 14,944 as nonpoor.

Those who are economically disadvantaged in the district are expected to number 46,304 in fiscal year 1982. Of this total 28,086, or 60.7 percent, will also be members of minority groups. Female heads of household will account for 4.5 percent (2,069 individuals) of those who are economically disadvantaged.

II. DESCRIPTION OF AREA

The Memphis-Delta Development District is composed of four counties: Dyer, Fayette, Lauderdale, and Tipton. The district is bound on the west by Shelby County and the Mississippi River, the north by Lake, Obion, and Haywood Counties, and the east by Gibson, Crockett, Haywood, and Hardeman Counties. The southern boundary is Shelby County and the Tennessee-Mississippi state line. The area is generally classified as rural, though each county has some manufacturing to balance its economy. Fayette County was the only designated labor surplus area in the Memphis-Delta Development District according to the January - June 1980, Area Trends publication by the Department of Labor.

Dyer County is the northernmost county in the district, bound on the west by the Mississippi River. The surface of the land in Dyer County varies from flat and very rich delta-type soil, excellent for farming (old Mississippi River flood plain), to a slightly rolling topography east of the flood plains. Dyer County farms produce great quantities of southern vegetables, corn, cotton and soybeans. Much of the land is suitable for large scale vegetable farms. The major manufacturing industries are rubber and miscellaneous plastics products, textile mill products, electrical machinery and fabricated metal products. The major nonmanufacturing industries are wholesale and retail trade, government, and services.

The Southernmost County in the district is Fayette, which is bound on the south by the Tennessee-Mississippi state line. The land is gently rolling and excellent for farming. Fayette County is rural, and agriculture plays an important part in its economy. The major manufacturing industries are apparel, transportation equipment, and food.

The major nonmanufacturing industries are government and wholesale and retail trade. Fayette County's main distribution center is Somerville; as it is located adjacent to Shelby County, it affords easy access to metropolitan Memphis.

Lauderdale County is centrally located in the district--it has the Mississippi River for its west boundary. Some of the richest soils in the world can be found there, so it is no surprise that the county is primarily agricultural. It produces high quality cotton, corn, strawberries, and vegetables; soybeans and livestock have increased in importance to its economy in recent years. The major manufacturing industries are rubber and miscellaneous plastics products, apparel, transportation equipment, and electrical machinery. The major nonmanufacturing industries are government and wholesale and retail trade.

Tipton County is located directly above Shelby County and is also bordered on the west by the Mississippi River. It is primarily a rural county devoting approximately 85 percent of its land to farming. Cotton is the principal crop, followed by corn, hay, and lespedeza. Though Covington is its main distribution center, Tipton County is close enough to the Memphis-Millington trade area that Covington residents are provided with almost any service needed. New industries locating in the county in the last few years have increased industrial employment, primarily in food and furniture manufacturing categories. The major nonmanufacturing industries are government and wholesale and retail trade.

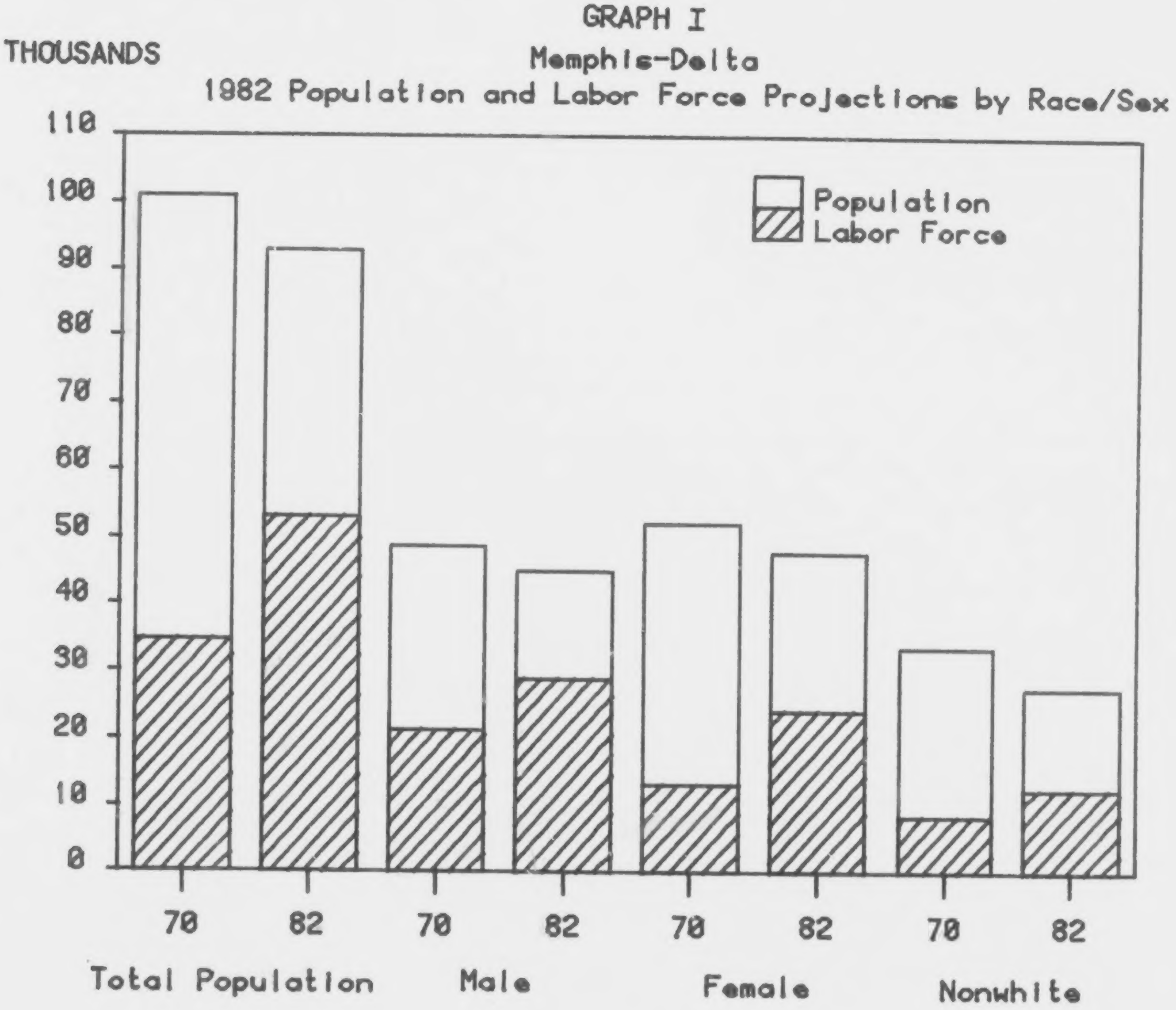
III. DISTRICT DEMOGRAPHIC DATA

The total population for the Memphis-Delta Development District is projected to be 92,785 in 1982--a decrease of 8,071, (8.0 percent) since 1970. The largest percentage decreases are expected to occur in these age groups: 5-9 years, 33.6 percent; 10-14 years, 31.9 percent; 50-54 years, 23.5 percent; 55-59 years, 31.8 percent; and 60-64 years, 27.7 percent. Percentage increases in population are expected to occur in the following age groups: 20-24 years, 48.0 percent; 25-29 years, 37.4 percent; 30-34 years, 35.3 percent; and 35-39 years, 21.3 percent.

The white male population for the Memphis-Delta Development District in 1970 was 32,382; the 1982 projection is 31,590. This will be a decrease of 792, or 2.4 percent. The white female population for 1970 was 34,600 , while the 1982 population projection is 33,462--a decrease of 1,138, or 3.3 percent.

The black male population for the district in 1970 was 16,312 when compared to the 1982 projection of 13,454, we see a decrease of 2,858, (17.5 percent). The black female population for 1970 was 17,451. The 1982 population projection is 14,179, a decrease of 3,272, or 18.7 percent.

The other male population for the district in 1970 was 48, while the 1982 projected figure is 44. This will be a decrease of 4 persons, or 8.3 percent. The other female population for 1970 was 63. The 1982 population projection is 55, indicating a decrease of 8, or 12.7 percent.



GRAPH I

Memphis-Delta

1982 Population and Labor Force Projections by Race/Sex

TABLE I

MEMPHIS-DELTA

1982 POPULATION SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL BLACKS	TOTAL OTHERS	TOTAL MALES	TOTAL FEMALES
0-4	7,946	4,899	3,034	14	4,012	3,934
5-9	7,202	4 723	2,471	8	3,609	3,593
10-14	8,140	5,298	2,837	5	4,067	4,073
15-19	9,504	5,605	3,887	12	5,004	4,500
20-24	9,021	5,318	3,688	15	4,733	4,288
25-29	8,048	5,575	2,466	7	4,182	3,866
30-34	6,447	5,231	1,208	8	3,065	3,382
35-39	5,732	4,754	968	10	2,694	3,038
40-44	4,220	3,431	788	0	2,127	2,093
45-49	4,031	3,193	834	4	1,814	2,217
50-54	3,946	3,096	850	0	1,848	2,097
55-59	3,805	3,012	790	3	1,752	2,053
60-64	3,815	2,946	860	10	1,627	2,188
65-69	3,820	2,783	1,033	3	1,652	2,167
70-74	3,175	2,375	800	0	1,443	1,732
75+	3,933	2,814	1,118	2	1,460	2,473
SPECIAL BREAKOUTS						
14-15	3,529	2,180	1,345	3	1,814	1,715
16-19	7,603	4,483	3,110	10	4,003	3,600
19 and Under	32,792	20,524	12,229	39	16,691	16,101
20-21	3,608	2,127	1,475	6	1,893	1,715
22-44	29,859	22,183	7,643	34	14,908	14,952
45-54	7,977	6,289	1,684	4	3,663	4,314
55 and Over	18,548	13,930	4,601	18	7,934	10,614
TOTAL	92,785	65,052	27,633	100	45,089	47,696

TABLE IA

MEMPHIS-DELTA DEVELOPMENT DISTRICT

TOTAL POPULATION

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	9,264	8,393	7,946	-1,318	-14.2
5-9	10,851	9,691	7,202	-3,649	-33.6
10-14	11,948	11,348	8,140	-3,808	-31.9
15-19	10,067	12,084	9,504	-563	-5.6
20-24	6,094	8,802	9,021	2,927	48.0
25-29	5,856	6,023	8,048	2.192	37.4
30-34	4,764	6,470	6,447	1,683	35.3
35-39	4,726	5,121	5,732	1,006	21.3
40-44	4,825	4,891	4,220	-605	-12.5
45-49	4,856	4,867	4,031	-825	-17.0
50-54	5,160	4,867	3,946	-1,214	-23.5
55-59	5,578	4,988	3.805	-1,773	-31.8
60-64	5,275	5,455	3,815	-1,460	-27.7
65-69	4,147	5,077	3,820	-327	-7.9
70-74	3,176	3,624	3,175	-1	-0.0
75+	4,269	4,956	3,933	-336	-7.9
TOTAL	100,856	106,657	92,785	-8,071	-8.0

Special Breakouts for 1982

14-15	3,529
16-19	7,603
19 and Under	32,792
20-21	3,608
22-44	29,859
45-54	7,977
55 and Over	18,548

TABLE IB

MEMPHIS-DELTA DEVELOPMENT DISTRICT

WHITE MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	2,776	2,589	2,516	-260	-9.4
5-9	3,152	2,976	2,431	-721	-22.9
10-14	3,558	3,398	2,693	-865	-24.3
15-19	3,025	3,613	2,833	-192	-6.3
20-24	1,911	2,674	2,716	805	42.1
25-29	2,177	1,926	2,913	736	33.8
30-34	1,906	2,444	2,478	572	30.0
35-39	1,700	2,112	2,327	627	36.9
40-44	1,740	1,814	1,774	34	2.0
45-49	1,745	1,778	1,512	-233	-13.4
50-54	1,714	1,761	1,469	-245	-14.3
55-59	1,915	1,645	1,385	-530	-27.7
60-64	1,788	1,912	1,257	-531	-29.7
65-69	1,247	1,674	1,247	0	0.0
70-74	958	1,026	1,044	86	9.0
75+	1,070	1,239	995	-75	-7.0
TOTAL	32,382	34,581	31,590	-792	-2.4

Special Breakouts for 1982

14-15	1,105
16-19	2,267
19 and Under	10,474
20-21	1,086
22-44	11,121
45-54	2,981
55 and Over	5,928

TABLE IC

MEMPHIS-DELTA DEVELOPMENT DISTRICT

WHITE FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	2,681	2,464	2,382	-299	-11.2
5-9	3,010	2,869	2,292	-718	-23.9
10-14	3,321	3,210	2,604	-717	-21.6
15-19	2,993	3,381	2,771	-222	-7.4
20-24	2,409	2,705	2,602	193	8.0
25-29	2,352	2,446	2,663	311	13.2
30-34	1,758	2,714	2,753	955	56.6
35-39	1,833	1,923	2,427	594	16.2
40-44	1,830	1,902	1,658	-172	-9.4
45-49	1,897	1,866	1,682	-215	-11.3
50-54	2.054	1,945	1,627	-427	-20.8
55-59	1,982	2,034	1,628	-354	-17.9
60-64	1,882	2,015	1,689	-193	-10.3
65-69	1,545	1,984	1,536	-9	-0.6
70-74	1,171	1,431	1,331	160	13.7
75+	1,882	2,138	1,819	-63	-3.3
TOTAL	34,600	37,027	33,462	-1,138	-3.3

Special Breakouts for 1982

14-15	1,075
16-19	2,217
19 and Under	10,050
20-21	1,041
22-44	11,061
45-54	3,308
55 and Over	8,002

TABLE ID

MEMPHIS-DELTA DEVELOPMENT DISTRICT

BLACK MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,929	1,683	1,489	-440	-22.8
5-9	2,386	1,948	1,173	-1,213	-50.8
10-14	2,481	2,414	1,369	-1,112	-44.8
15-19	2,051	2,488	2,170	119	5.8
20-24	880	1,738	2,010	1,130	128.4
25-29	526	814	1,265	739	140.5
30-34	520	515	582	62	11.9
35-39	454	509	360	-94	-20.7
40-44	583	441	353	-230	-39.5
45-49	588	562	303	-285	-48.5
50-54	627	554	379	-248	-39.6
55-59	716	576	367	-349	-48.7
60-64	804	629	368	-436	-54.2
65-69	605	686	402	-203	-33.6
70-74	567	502	399	-168	-29.6
75+	595	715	465	-130	-21.8
TOTAL	16,312	16,774	13,454	-2,858	-17.5

Special Breakouts for 1982

14-15	708
16-19	1,736
19 and Under	6,201
20-21	804
22-44	3,766
45-54	682
55 and Over	2,001

TABLE IE

MEMPHIS-DELTA DEVELOPMENT DISTRICT

BLACK FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	1,871	1,645	1,545	-326	-17.4
5-9	2,287	1,891	1,297	-990	-43.3
10-14	2,569	2,310	1,469	-1,100	-42.8
15-19	1,989	2,583	1,717	-272	-13.7
20-24	883	1,676	1,678	795	90.0
25-29	787	826	1,201	414	52.6
30-34	580	783	626	46	7.9
35-39	734	577	608	-126	-17.2
40-44	672	729	436	-236	-35.1
45-49	622	661	531	-91	-14.6
50-54	750	603	471	-279	-37.2
55-59	959	718	423	-536	-55.9
60-64	801	894	492	-309	-38.6
65-69	745	733	631	-114	-15.3
70-74	480	661	401	-79	-16.5
75+	722	864	653	-69	-9.6
TOTAL	17,451	18,154	14,179	-3,272	-18.7

Special Breakouts for 1982

14-15	637
16-19	1,373
19 and Under	6,028
20-21	671
22-44	3,877
45-54	1,002
55 and Over	2,600

TABLE IF

MEMPHIS-DELTA DEVELOPMENT DISTRICT

OTHER MALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	7	6	7	0	0.0
5-9	0	7	4	4	0.0
10-14	8	0	5	-3	-37.5
15-19	6	8	0	-6	-100.0
20-24	7	6	7	0	0.0
25-29	10	7	4	-6	-60.0
30-34	0	10	5	5	0.0
35-39	0	0	7	7	0.0
40-44	0	0	0	0	0.0
45-49	0	0	0	0	0.0
50-54	4	0	0	-4	-100.0
55-59	6	4	0	-6	-100.0
60-64	0	5	2	2	0.0
65-69	0	0	3	3	0.0
70-74	0	0	0	0	0.0
75+	0	0	0	0	0.0
TOTAL	48	53	44	-4	-8.3

Special Breakout for 1982

14-15	1
16-19	0
19 and Under	16
20-21	3
22-44	21
45-54	0
55 and Over	6

TABLE IG

MEMPHIS-DELTA DEVELOPMENT DISTRICT

OTHER FEMALES

AGE	1970	1975	1982	NET CHANGE 1970-1982	PERCENT CHANGE 1970-1982
0-4	0	6	7	7	0.0
5-9	16	0	4	-12	-75.0
10-14	11	16	0	-11	-100.0
15-19	3	11	12	9	300.0
20-24	4	3	8	4	100.0
25-29	4	4	2	-2	-50.0
30-34	0	4	3	3	0.0
35-39	5	0	3	-2	-40.0
40-44	0	5	0	0	0.0
45-49	4	0	4	0	0.0
50-54	11	4	0	-11	-100.0
55-59	0	11	3	3	0.0
60-64	0	0	7	7	0.0
65-69	5	0	0	-5	-100.0
70-74	0	4	0	0	0.0
75+	0	0	2	2	0.0
TOTAL	63	68	55	-8	-12.7

Special Breakouts for 1982

14-15	2
16-19	10
19 and Under	23
20-21	3
22-44	13
45-54	4
55 and Over	12

IV. ECONOMIC TRENDS AND OUTLOOK

A. Labor Force

1. Annual CPS Labor Force Summaries by County - Tennessee Department of Employment Security, Research and Statistics

The civilian labor force for the Memphis-Delta Development District increased 9,980 persons, or 25.2 percent, between 1970 and 1980. Every county in the Memphis-Delta experienced growth in its civilian labor force during the decade. Tipton County had the largest percentage increase, gaining 4,920, or 50.3 percent from 1970 to 1980.

2. U. S. Department of Labor Manpower Administration, Lawrence Berkeley Laboratory Projections

The civilian labor force in the Memphis-Delta Development District is projected to be 53,243 in 1982. This will be a 52.8 percent increase over the 1970 projection of 34,852. The white male civilian labor force is projected to increase 34.5 percent, white female-86.4 percent, non-white male-38.1 percent, and non-white female-63.9 percent.

3. Summary

The civilian labor force is defined as the sum of all employed and unemployed persons in the non-institutional population over 16 years of age who are not in the armed forces. A steady increase in the civilian labor force is expected during the next few years because of continued population growth in working age categories, the influx of new industries and the expansion of existing industries. Federally funded projects to train the unemployed and underutilized in marketable skills will enable discouraged job seekers to reenter the labor market resulting in an increasing labor force. Another factor which has been increasing the civilian labor force (which and is expected to continue) is the entry of more than one individual per family unit into the job market because of an inflated economy.

B. Employment and Unemployment

Total employment in the Memphis-Delta Development District has grown by 7,740 workers (20.3 percent) since 1970. Every county in the district experienced employment growth during this period. Tipton County had the largest percentage gain in employment with an increase of 4,520 workers (48.3 percent). Employment is not projected to increase significantly during 1982. Double-digit inflation and double-digit interest rates are the primary reasons why employment may not maintain its 1981 level.

Total unemployment has increased significantly since 1970. The number of unemployed workers has increased by 2,240, or 140.0 percent. It is obvious by the large increase in the number of unemployed that the Memphis-Delta Development District has not fully recovered from the 1973 recession. The annual average unemployment rate for the district in 1970 was 4.0 percent, while in 1980 the average was 7.7 percent.

Total unemployment is not expected to decrease during 1982. Due to the inflation rate and high interest rates, the unemployment rate is projected to increase to at least 8.0 percent. These factors to be having a two-fold effect on the number of unemployed: with decreasing dollar values, more than one person per family must enter the labor force to maintain the standard of living previously provided by one working family member. At the same time, the dollar's declining purchasing power is affecting business' ability to invest in new plants and equipment. These factors combine to prolong unemployment during periods of high inflation.

TABLE II

MEMPHIS-DELTA

1982 LABOR FORCE SUMMARY

AGE COHORT	TOTAL	TOTAL WHITES	TOTAL NON-WHITE	TOTAL MALES	TOTAL FEMALES
16-17	2,243	1,765	478	1,297	946
18-19	3,213	2,130	1,083	1,784	1,429
20-24	8,494	5,211	3,283	4,463	4,032
25-34	13,858	10,590	3,267	7,105	6,753
35-44	9,494	8,022	1,472	4,718	4,776
45-64	12,434	9,916	2,518	6,896	5,538
65+	3,507	2,928	579	2,736	771
SPECIAL BREAKOUTS					
16-19	5,456	3,895	1,561	3,081	2,375
20-21	3,398	2,084	1,313	1,785	1,613
22-44	28,448	21,739	6,709	14,500	13,948
45-54	6,217	4,958	1,259	3,448	2,769
55 and Over	9,724	7,886	1,839	6,184	3,540
TOTAL	53,243	40,562	12,682	28,998	24,245

TABLE IIA

MEMPHIS-DELTA DEVELOPMENT DISTRICT

TOTAL LABOR FORCE

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	34,852	53,243	152.8	32,860	48,345	47.1	1,992	4,898	145.9	5.7	9.2
16-17	802	2,243	179.7								
18-19	1,672	3,213	92.2								
20-24	4,027	8,494	110.9	Information not available for age breakouts							
25-34	7,342	13,858	88.7								
35-44	6,721	9,494	41.3								
45-64	12,400	12,434	0								
65 and over	1,888	3,507	85.8								

Special Breakouts for 1982

16-19	5,456
20-21	3,398
22-44	28,448
45-54	6,217
55 and over	9,724

TABLE IIB

MEMPHIS-DELTA DEVELOPMENT DISTRICT

WHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	16,386	22,044	34.5	15,822	21,035	32.9	564	1,009	78.9	3.4	4.6
16-17	435	1,111	155.4								
18-19	697	1,111	159.4								
20-24	1,597	2,661	66.6								
25-34	3,772	5,283	40.1								
35-44	3,160	4,019	27.2								
45-64	5,819	5,510	-5.3								
65 and over	906	2,349	159.3								
Special Breakouts for 1982											
16-19		2,221									
20-21		1,065									
22-44		10,899									
45-54		2,755									
55 and over		5,104									

TABLE IIC

MEMPHIS-DELTA DEVELOPMENT DISTRICT

WHITE FEMALES

AGE	CIVILIAN LABOR FORCE 1970	CIVILIAN LABOR FORCE 1982	CIVILIAN LABOR FORCE PERCENT CHANGE	EMPLOYMENT 1970	EMPLOYMENT 1982	EMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT 1970	UNEMPLOYMENT 1982	UNEMPLOYMENT PERCENT CHANGE	UNEMPLOYMENT RATE 1970	UNEMPLOYMENT RATE 1982
Total	9,935	18,518	86.4	9,368	17,068	82.2	567	1,450	155.7	5.7	7.8
16-17	190	654	244.2								
18-19	503	1,019	102.6								
20-24	1,373	2,550	85.7	Information not available for age breakouts							
25-34	2,089	5,307	154.0								
35-44	2,079	4,003	92.5								
45-64	3,261	4,406	35.1								
65 and over	440	579	31.6								

Special Breakouts for 1982

16-19	1,673
20-21	1,020
22-44	10,840
45-54	2,203
55 and over	2,782

TABLE IID

MEMPHIS-DELTA DEVELOPMENT DISTRICT

NONWHITE MALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	5,036	6,955	38.1	4,628	5,946	28.5	391	1,009	158.1	7.8	14.5
16-17	83	187	125.3								
18-19	293	673	129.7								
20-24	602	1,801	199.2								
25-34	843	1,821	116.0								
35-44	859	699	18.6								
45-64	2,009	1,386	-31.0								
65 and over	347	387	11.5								
Special Breakouts for 1982											
16-19		859									
20-21		719									
22-44		3,602									
45-54		451									
55 and over		1,322									

TABLE IIE

MEMPHIS-DELTA DEVELOPMENT DISTRICT

NONWHITE FEMALES

	CIVILIAN LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			UNEMPLOYMENT RATE	
AGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982	PERCENT CHANGE	1970	1982
Total	3,495	5,727	63.9	3,021	4,297	42.2	470	1,430	204.3	13.5	25.0
16-17	94	292	210.6								
18-19	179	410	129.0								
20-24	448	1,482	230.8	Information not available for age breakouts							
25-34	635	1,446	127.7								
35-44	633	773	22.1								
45-64	1,311	1,132	136.5								
65 and over	195	192	1.5								
Special Breakouts for 1982											
16-19		702									
20-21		593									
22-44		3,109									
45-54		566									
55 and over		758									

TABLE III

MEMPHIS DELTA

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT

	Labor Force		Employment		Unemployment		Rates	
	1970	1980	1970	1980	1970	1980	1970	1980
Fayette	7,730	8,810	7,500	8,030	230	780	3.0	8.9
Lauderdale	7,480	10,260	7,110	9,380	370	880	4.9	8.6
Tipton	9,790	14,710	9,360	13,880	430	830	4.4	5.6
Dyer	14,640	15,840	14,080	14,500	560	1,340	3.8	8.5
Total District	39,640	49,620	38,050	45,790	1,590	3,830	4.0	7.7

C. Characteristics of the Unemployed

The characteristics of unemployment insurance claimants served by Employment and Training offices in the Memphis-Delta Development District can be used to pinpoint which manpower services will be needed by these unemployed workers. Of the claimants, 20.2 percent had been employed in machine trades occupations. Miscellaneous occupations, with 15.8 percent of the total, was the second highest category. Males accounted for 50.6 percent of the insured unemployed, females for 49.4 percent. Sixty-six percent of all applicants fell in the 22 to 45 year old age bracket. Approximately 74.4 percent have completed at least nine years of formal education. The racial composition was 57.9 percent white, 41.3 percent black, and 0.8 percent other. Among the claimants, 45.0 percent were disadvantaged, 8.5 percent were veterans, 2.1 percent were handicapped, 11.9 percent were receiving welfare, and 5.7 percent were receiving foodstamps.

TABLE IV

UI CLAIMANT CHARACTERISTICS

OCCUPATIONS	*PERCENT
0-1 Professional, Technical, Managerial	2.3
2 Clerical and Sales	11.9
3 Services	7.2
4 Farming, Fisheries, Forestry	1.3
5 Processing	4.9
6 Machine Trades	20.2
7 Benchwork	12.7
8 Structural Work	12.1
9 Miscellaneous	15.8
Partials and Invalid Claims	11.6

SEX	PERCENT	EDUCATION	PERCENT
Males	50.6	0-8	17.6
Females	49.4	9-12	74.4
AGE		13-16	7.8
0-21	17.0	MISCELLANEOUS	
22 and over	82.9	Disadvantaged	45.0
RACE		Veteran	8.5
White	57.9	Handicapped	2.1
Black	41.3	Welfare	11.9
Other	.8	Foodstamp	5.7

*Percents may not add due to rounding. The numbers here do not represent the total numbers served by Tennessee Employment and Training Offices, rather only those individuals drawing Unemployment Insurance.

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

		TOTAL	SEX		AGE			EDUCATION			RACE*							FOOD-
OCCUPATIONS -	DOT CODE	NUMBER	Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O	DISADV.	VETS	WELFARE	HANDICAP.	STAMP
Memphis Delta		387	50.6	49.4	17.0	65.6	17.3	17.6	74.4	7.8	57.9	41.3	.8	45.0	8.5	11.9	2.1	5.7
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	9	44.4	55.6	11.1	77.8	11.1	0	55.6	33.4	77.8	22.2	0	11.1	11.1	0	0	0
Prof. & Tech.	00-16	6	50.0	50.0	0	83.3	16.7	0	33.3	50.0	83.3	16.7	0	0	0	0	0	0
Architecture & Engineering	00-01	0																
Math & Phy. Science	02	1	100.0	0	0	100.0	0	0	0	100.0	100.0	0	0	0	0	0	0	0
Life Science	04	0																
Social Sciences	05	0																
Medicine & Health	07	0																
Education	09	2	0	100.0	0	50.0	50.0	0	50.0	50.0	50.0	50.0	0	0	0	0	0	0
Museum & Archival Ser.	10	1	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	0	0	0	0
Law & Jurisprudence	11	0																
Religion & Theology	12	0																
Writing	13	0																
Art	14	0																
Entertainment & Recreation	15	0																
Administrative Specializations	16	2	100.0	0	0	100.0	0	0	50.0	50.0	100.0	0	0	0	0	0	0	0
Managerial	18	2	50.0	50.0	0	100.0	0	0	100.0	0	100.0	0	0	0	50.0	0	0	0
Miscellaneous Professional, Tech.	19	1	0	100.0	100.0	0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0
CLERICAL & SALES	2	46	21.7	78.3	26.1	52.2	21.7	0	80.4	19.6	84.8	15.2	0	23.9	6.5	8.7	4.3	4.3
Clerical	20-24	35	11.4	88.6	20.0	60.0	20.0	0	77.1	22.9	82.9	17.1	0	25.7	5.7	11.4	5.7	0
Typing, Filing, & Related Work	20	14	0	100.0	14.3	78.6	7.1	0	71.4	28.6	78.6	21.4	0	28.6	0	21.4	0	0
Computing & Account Recording	21	12	8.3	91.7	25.0	41.7	33.3	0	83.3	16.7	91.7	8.3	0	16.7	0	8.3	8.3	0
Material & Prod. Recording	22	4	66.7	33.3	0	50.0	50.0	0	66.7	33.3	50.0	50.0	0	33.3	50.0	0	0	0
Infor. & Message Distribution	23	4	0	100.0	50.0	50.0	0	0	100.0	0	100.0	0	0	25.0	0	0	25.0	0
Misc. Clerical	24	1	0	100.0	0	100.0	0	0	0	100.0	100.0	0	0	100.0	0	0	0	0
Sales	25-29	11	54.5	45.5	45.5	27.3	27.3	0	90.0	9.1	90.9	9.1	0	18.2	9.1	0	0	9.1
Salesperson, Ser.	25	0																
Salespersons, Commodities	26-28	7	57.1	42.9	28.6	28.6	42.9	0	85.7	14.3	85.7	14.3	0	14.3	14.3	0	0	14.3
Merchandising, except Sales	29	4	50.0	50.0	75.0	25.0	0	0	100.0	0	100.0	0	0	25.0	0	0	0	0

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
SERVICE	3	28	35.7	64.3	21.4	35.7	42.9	25.0	64.3	10.7	28.6	67.9	3.5	60.7	10.7	25.0	7.1	7.1
Domestic	30	0																
Other Service	31-38	28	35.7	64.3	21.4	35.7	42.9	25.0	64.3	10.7	28.6	67.9	3.5	60.7	10.7	25.0	7.1	7.1
Food Preparation & Service	31	9	11.1	88.9	11.1	33.3	55.5	33.3	66.6	0	44.5	55.5	0	77.8	0	22.2	0	11.1
Lodging & kindred	32	1	0	100.0	100.0	0	0	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0
Barbering & kindred	33	2	0	100.0	0	50.0	50.0	0	100.0	0	0	100.0	0	0	0	0	0	0
Amusement & kindred	34	0																
Mis. Personal Ser.	35	2	50.0	50.0	0	50.0	50.0	0	50.0	50.0	50.0	50.0	0	50.0	50.0	0	0	0
Apparel & Furnish.	36	2	0	100.0	0	100.0	0	0	50.0	50.0	0	100.0	0	100.0	0	100.0	0	0
Protective Service	37	2	100.0	0	0	50.0	50.0	0	50.0	50.0	100.0	0	0	0	50.0	0	50.0	0
Building & kindred	38	10	60.0	40.0	30.0	20.0	50.0	40.0	60.0	0	10.0	80.0	10.0	60.0	10.0	20.0	10.0	10.0
FARMING, FISHERY, FORESTRY	4	5	0	100.0	0	80.0	20.0	60.0	40.0	0	20.0	80.0	0	60.0	0	20.0	0	0
Plant Farming	40	2	0	100.0	0	100.0	0	100.0	0	0	0	100.0	0	50.0	0	0	0	0
Animal Farming	41	0																
Misc. Farming	42	3	0	100.0	0	66.7	33.3	100.0	0	0	33.3	66.7	0	66.7	0	33.3	0	0
Fishery & kindred	44	0																
Forestry	45	0																
Agricultural Service	46	0																
PROCESSING	5	19	47.4	52.6	15.8	73.7	10.5	10.5	89.5	0	42.1	57.9	0	52.6	5.3	10.5	0	0
Metal	50	6	83.3	16.7	33.3	66.7	0	16.7	83.3	0	66.7	33.3	0	33.3	0	0	0	0
Refining & Foundry	51	1	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
Food & kindred	52	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Paper & kindred	53	0																
Petroleum & kindred	54	0																
Chemicals, Plastics & kindred	55	11	18.2	81.8	9.1	72.7	18.2	9.1	90.1	0	27.3	72.7	0	72.7	9.1	18.2	0	0
Wood & Wood Products	56	0																
Stone, Clay & kindred	57	0																
Leather, Textiles & kindred	58	0																
Processing, N.E.C.	59	0																
MACHINE TRADES	6	78	55.1	44.9	10.3	74.4	15.4	14.1	79.5	6.4	61.5	37.2	1.2	35.9	10.3	9.0	1.3	6.4
Metal Machining	60	22	40.9	59.1	9.1	81.8	9.1	4.5	90.9	4.5	59.1	40.9	0	36.4	4.5	9.1	0	4.5
Metalworking, N.E.C.	61	26	42.3	57.7	11.5	73.1	15.4	11.5	76.9	11.5	65.4	34.6	0	38.5	7.7	7.7	0	3.8
Machine Repairmen	62-63	14	100.0	0	14.3	78.6	7.1	14.3	78.6	7.1	78.6	21.4	0	21.4	28.6	7.1	0	7.1
Paperworking	64	0																
Printing	65	0																
Wood Machining	66	8	75.0	25.0	0	62.5	37.5	37.5	62.5	0	25.0	62.5	12.5	12.5	0	0	0	0
Maching Stone, Glass & kindred	67	1	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0
Textile	68	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Machine Trades, N.E.C.	69	6	33.3	66.7	16.7	50.0	33.3	33.3	66.7	0	66.7	33.3	0	83.3	16.7	33.3	16.7	3.3

TABLE V

DETAIL UI CLAIMANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS -	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP.	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	B	O					
BENCH WORK (Fabrication, Assembly, & Repair)	7	49	30.6	69.4	18.4	67.3	14.3	20.4	75.5	.5	55.1	42.9	0	57.1	0	16.3	4.1	4.1
Metal Products, N.E.C.	70	8	50.0	50.0	25.0	62.5	12.5	12.5	62.5	25.0	37.5	50.0	12.5	50.0	12.5	12.5	0	0
Scientific & Medical Good & kindred	71	1	0	100.0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Electrical Equipment	72	11	9.1	90.9	0	90.9	9.1	27.3	72.7	0	27.3	72.7	0	63.6	0	45.5	0	9.1
Products from Assorted Materials	73	1	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0
Painting & kindred	74	11	63.6	36.4	45.5	45.5	1.0	1.0	90.9	0	63.6	36.4	0	54.5	0	0	1.0	1.0
Plastics, Rubber & kindred	75	1	100.0	0	100.0	0	0	0	100.0	0	0	100.0	0	100.0	0	100.0	0	0
Wood Products	76	1	0	100.0	0	0	100.0	100.0	0	0	100.0	0	0	100.0	0	0	0	0
Sand, Stone & kindred Products	77	0																
Textile, Leather & kindred Products	78	13	0	100.0	0	76.9	23.1	30.8	69.2	0	84.6	15.4	0	46.1	0	0	7.7	0
Benchwork, N.E.C.	79	2	100.0	0	50.0	50.0	0	0	100.0	0	50.0	50.0	0	100.0	0	0	0	0
STRUCTURAL WORK	8	47	89.4	10.6	14.9	63.8	21.3	27.7	70.2	2.1	66.0	34.0	0	36.2	10.6	0	0	12.8
Metal Fabricating, N.E.C.	80	5	40.0	60.0	20.0	40.0	40.0	40.0	60.0	0	60.0	40.0	0	20.0	0	0	0	20.0
Welders & kindred	81	9	88.9	11.1	22.2	77.8	0	0	100.0	0	55.6	44.4	0	33.3	11.1	0	0	11.1
Electrical	82	4	100.0	0	25.0	50.0	25.0	0	100.0	0	75.0	25.0	0	25.0	0	0	0	0
Painting, Plastering & kindred	84	4	100.0	0	0	75.0	25.0	25.0	75.0	0	75.0	25.0	0	25.0	0	0	0	25.0
Excavating & kindred	85	1	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	0	0	0	0	0
Construction	86	22	95.4	4.6	9.1	63.4	27.3	45.5	50.0	4.5	68.2	31.8	0	45.4	18.2	0	0	13.6
Structural, N.E.C.	89	2	100.0	0	50.0	50.0	0	0	100.0	0	50.0	50.0	0	50.0	0	0	0	0
MISCELLANEOUS	9	61	68.8	31.2	21.3	65.6	13.1	24.6	72.1	3.3	44.3	55.7	0	52.5	13.1	9.8	1.6	8.2
Motor Freight, Transportation	90-91	21	85.7	14.3	9.5	71.4	19.0	23.8	76.2	0	57.1	42.9	0	47.6	33.3	0	0	9.5
Packaging & Material Handling	92	39	59.0	41.0	25.6	64.1	10.3	25.6	69.2	5.1	38.5	61.5	0	56.4	2.6	15.4	2.6	7.7
Other Misc.	93-97	1	100.0	0	100.0	0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
Extraction of Minerals	93	0																
Production & Distribution of Utilities	95	0																
Amusement & kindred, N.E.C.	96	0																
Graphic Art Work	97	1	100.0	0	100.0	0	0	0	100.0	0	0	100.0	0	0	0	0	0	0
PARTIALS & INVALID CODES	99	45	46.7	53.3	15.6	55.6	8.8	15.6	73.3	11.1	62.2	37.8	0	60.0	6.7	24.4	0	2.2

* W-White B-Black O-Other

IV. ECONOMIC TRENDS AND OUTLOOKS

D. Industry

Nonagricultural wage and salary employment decreased 170 workers, or 0.6 percent, between 1979 and 1980. Manufacturing industries decreased 740 employees, or 6.0 percent. Durable goods (products with a life expectancy of a year or more-examples: stoves, refrigerators, automobile parts,etc) had the largest decrease between 1979 and 1980 (11.5 percent, or 620 workers). The biggest single industry losses in durable goods occurred in fabricated metal products, electrical machinery, equipment and supplies, and transportation equipment. Nondurable goods (products having a life expectancy of less than one year-examples: food, apparel, etc.) suffered a loss of 120 employees (1.7 percent). Nonmanufacturing industries increased 570 workers, or 3.8 percent, between 1979 and 1980. Nonagricultural wage and salary employment in the Memphis-Delta Area seems to run parallel with the State of Tennessee and the United States. During periods of economic uncertainty, durable goods industries are a prime indicator of recession. Table VI shows the impact durable goods industries have on total nonagricultural wage and salary employment.

TABLE VI

MEMPHIS-DELTA

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY INDUSTRY

	1979	1980	Net Change	Percent Change
Total	27,370	27,200	-170	-.6
Manufacturing	12,400	11,660	-740	-6.0
Durable Goods	5,390	4,770	-620	-11.5
Lumber	1/	1/	1/	1/
Furniture	500	550	50	10.0
Stone, Clay, and Glass	160	160	0	.0
Primary Metal Industries	290	270	-20	-6.9
Fabricated Metal Products	1,090	960	-130	-11.9
Machinery, Non-electrical	70	120	50	71.4
Electrical Machinery, Equipment and Supplies	1,450	1,190	-260	-17.9
Transportation Equipment	1,540	1,280	-260	-16.9
Professional, Scientific and Controlling Instruments	1/	1/	1/	1/
All Other Durable	290	240	-50	-17.2
Nondurable Goods	7,010	6,890	-120	-1.7
Food and Kindred Products	950	920	-30	-3.2
Tobacco	0	0	0	.0
Textile Mill Products	2/	2/	2/	2/
Apparel	1,570	1,680	110	7.0
Paper and Allied Products	260	240	-20	-7.7
Printing and Publishing	250	260	10	4.0
Chemicals and Allied Products	160	180	20	12.5
Petroleum and Refining	0	0	0	.0
Rubber and Miscellaneous	2,660	2,430	-230	-8.6
Leather	0	0	0	.0
All Other Nondurable	1,160	1,180	20	-1.7
Nonmanufacturing	14,970	15,540	570	3.8
Contract Construction	1,240	1,160	-80	-6.5
Transportation and Public Utilities	600	560	-40	-6.7
Trade	4,430	4,680	250	5.6
Finance, Insurance and Real Estate	740	820	80	10.8
Services	2,120	2,540	420	19.8
Government	5,690	5,630	-60	-1.1
All Other Nonmanufacturing	150	150	0	0.0

1/ Included in "All Other Durable" to avoid disclosure of individual establishment data.
2/ Included in "All Other Nondurable" to avoid disclosure of individual establishment data.

E. Occupation

Table VII shows projected employment by broad occupational categories. Table VII and Table VIII include counties from the Southwest, Northwest and Memphis-Delta Districts. The information was not available for each area separately.

Employment for all occupations is projected to increase 44.2 percent from 1970 to 1982. The greatest percentage increase should be 72.3 percent in the professional, technical and related category, followed by managers, officials, and proprietors with 67.9 percent. The category expected to gain the greatest number of employees is operatives with an increase of 18,179 employees between 1970 and 1982. Agricultural workers are expected to suffer the only decrease between 1970 and 1982,-38.9 percent. The number of job openings from 1970 to 1982 should average 11,129 annually for the Northwest-Southwest-Memphis-Delta Area. The table on employment by broad occupational category reflects this area's continued movement away from agriculture toward a more diversified economy.

TABLE VII

MEMPHIS DELTA

EMPLOYMENT BY BROAD OCCUPATIONAL CATEGORY

OCCUPATIONAL CATEGORY	1970 Employment	1982 Projection	Percent Change 1970-1982	Avg. Annual Job Openings
Total All Occupations	154,870	223,321	44.2	11,129
Professional, Technical and Kindred	12,189	21,005	72.3	1,325
Managers, Officials and Proprietors	10,073	16,916	67.9	967
Sales	7,725	10,905	41.2	624
Clerical Workers	13,076	20,938	60.1	1,491
Crafts and Kindred Workers	18,065	27,689	53.3	1,237
Operatives	38,845	57,024	46.8	3,121
Service Workers	16,576	26,515	60.0	1,949
Laborers, Except Farm	6,196	8,061	30.1	303
Farmers & Farm Workers	11,087	6,775	-38.9	-110

Source: Tennessee Employment Outlook - Regional Estimates for Occupations, 1970-1980. Tennessee Department of Employment Security.

TABLE VIII

MEMPHIS DELTA

HIGH DEMAND OCCUPATIONS

OCCUPATIONS	ANNUAL JOB OPENINGS 1970-1980*	PERCENT OF TOTAL	DUE TO	
			NEW JOBS	SEPARATIONS
Sewers & Stitchers	1,067	9.59	435	632
Secretaries, other than legal and medical	430	3.86	195	235
Sales clerks, retail	332	2.98	95	237
Bookkeepers	286	2.57	113	173
Checkers, Examiners, etc., mfg.	286	2.57	149	137
Hairdressers, Cosmetologists	284	2.55	160	124
Assemblers	273	2.45	144	129
Janitors and Sextons	271	2.44	152	119
Elementary School Teachers	247	2.22	73	174
Misc. Machine Operatives	245	2.20	144	101
Carpenters	205	1.84	112	93
Cooks, except private	197	1.77	76	121
Nurses aides, orderlies	196	1.76	98	98
Clergymen	136	1.22	101	35
Waiters	134	1.20	45	89
Registered Nurses	124	1.11	54	70
Farmers (owners & tenants)	120	1.08	-299	419
Packers, wrapper, except meat, produce	119	1.07	62	59
Maids, servants, private	109	.98	-49	158
Auto Mechanics	105	.94	76	29

* Latest information available at the time of publication.

V. CHARACTERISTICS OF THOSE IN NEED OF MANPOWER SERVICES

A. ESARS Analysis

The characteristics of applicants served by Employment and Training Offices in the Memphis-Delta Development District can be used to pinpoint manpower services needed by these job seekers. Of these applicants, 16.7 percent had been employed in service occupations. Females accounted for 61.7 percent of the applicants, males 38.3 percent. Nonwhite females accounted for 33.8 percent of the total. Fifty-four percent of all applicants fell within the 22 to 45 year old age bracket. Approximately 66.0 percent had attained at least 9 years of formal education. Racial composition was 49.3 percent white, and 50.7 percent nonwhite. Among the applicants, 61.8 percent were classified as disadvantaged, 5.1 percent were veterans, 1.8 percent were handicapped, 33.8 percent were receiving welfare, and 16.9 percent were receiving foodstamps.

The ESARS Applicant Characteristics and Occupations table can be very beneficial to persons setting up training classes. The DOT code breakout by occupation shows the number of applicants whose primary work experience has been in the occupation in which they were coded.

TABLE IX

ESAR APPLICANT CHARACTERISTICS

OCCUPATIONS		*PERCENT
0-1	Professional, Technical, Managerial	2.1
2	Clerical and Sales	10.5
3	Services	16.7
4	Farming, Fisheries, Forestry	5.1
5	Processing	2.6
6	Machine Trades	15.7
7	Benchwork	5.7
8	Structural Work	6.3
9	Miscellaneous	9.0
	Partials and Invalid Claims	26.3

SEX	PERCENT
Males	38.3
Females	61.7
AGE	
0-21	30.8
22 and over	69.2
RACE	
White	49.3
Nonwhite	50.7
Nonwhite Female	33.8

EDUCATION	PERCENT
0-8	27.2
9-12	66.0
13-16	6.6
MISCELLANEOUS	
Disadvantaged	61.8
Veteran	5.1
Handicapped	1.8
Welfare	33.8
Foodstamp	16.9

*Percents may not add due to rounding.

Source: ESARS FY ending September 30, 1980.

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*							
			Male	Female	<22	22-45	>45	00-07	08-12	13-16	W	NW	NWF	DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
Memphis-Delta		4,108	38.3	61.7	30.8	54.3	14.9	27.2	66.0	6.6	49.3	50.7	33.8	61.8	5.1	33.8	1.8	16.9
PROFESSIONAL, TECHNICAL & MANAGERIAL	0-1	87	42.5	57.5	13.8	71.3	14.9	3.4	50.6	41.4	66.7	33.3	24.1	35.6	12.6	12.6	1.1	8.0
Prof. & Tech.	00-16	54	40.7	59.3	14.8	70.4	14.8	1.9	42.6	48.1	59.3	40.7	27.8	37.0	14.8	14.8	1.9	1.9
Architecture & Engineering	00-01	6	50.0	50.0	16.7	66.7	16.7	.0	33.3	66.7	83.3	16.7	16.7	33.3	50.0	16.7	.0	.0
Math & Phy. Science	02	3	100.0	.0	.0	100.0	.0	.0	.0	100.0	33.3	66.7	.0	33.3	67.7	.0	.0	.0
Life Science	04	1	100.0	.0	100.0	.0	.0	.0	100.0	.0	.0	100.0	.0	100.0	.0	.0	.0	.0
Social Sciences	05	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Medicine & Health	07	9	.0	100.0	11.1	55.6	33.3	11.1	55.6	33.3	77.8	22.2	22.2	33.3	.0	22.2	.0	.0
Education	09	24	25.0	75.0	8.3	75.0	16.7	.0	45.8	41.7	37.5	62.5	50.0	41.7	12.5	20.8	4.2	4.2
Museum & Arch. Ser.	10	1	.0	100.0	.0	100.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	.0	.0
Law & Jurisprudence	11	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Religion & Theology	12	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Writing	13	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Art	14	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Entertainment & Recreation	15	2	100.0	.0	.0	100.0	.0	.0	.0	100.0	100.0	.0	.0	.0	.0	.0	.0	.0
Administrative Specializations	16	8	87.5	12.5	37.5	62.5	.0	.0	50.0	50.0	87.5	12.5	.0	37.5	.0	.0	.0	.0
Managerial	18	27	51.9	48.1	3.7	77.8	18.5	7.4	63.0	29.6	88.9	11.1	7.4	25.9	11.1	7.4	.0	18.5
Miscellaneous Professional, Tech.	19	6	16.7	83.3	50.0	50.0	.0	.0	66.7	33.3	33.3	66.7	66.7	66.7	.0	16.7	.0	16.7
CLERICAL & SALES	2	433	15.2	84.8	29.1	62.1	8.8	3.0	76.4	20.6	77.1	22.9	18.9	42.3	4.8	15.9	3.7	7.9
Clerical	20-24	339	10.3	89.7	28.6	64.6	6.8	2.1	75.5	22.4	76.1	23.9	19.5	42.8	4.4	15.6	3.5	6.8
Typing, Filing, & Related Work	20	132	4.5	95.5	29.5	66.7	3.8	.7	70.5	28.8	75.0	25.0	22.7	39.4	3.0	17.4	1.5	4.5
Computing & Account Recording	21	155	7.7	92.3	29.7	61.9	8.4	3.2	78.1	18.7	81.3	18.7	16.1	47.7	1.9	17.4	4.5	7.1
Material & Prod. Recording	22	23	65.2	34.8	21.7	65.2	13.1	4.3	73.9	21.7	60.9	39.1	8.7	39.1	30.4	.0	4.3	8.7
Infor. & Message Distribution	23	18	5.6	94.4	33.3	55.6	11.1	.0	88.9	11.1	77.8	22.2	16.7	27.8	5.6	.0	11.1	16.7
Misc. Clerical	24	11	9.1	90.9	9.1	90.9	.0	.0	81.8	18.2	45.5	54.5	54.5	45.5	.0	27.3	.0	9.1
Sales	25-29	94	33.0	67.0	30.9	53.2	16.0	6.4	79.8	13.8	80.9	19.1	17.0	40.4	6.4	17.0	4.3	11.7
Salesperson, Ser.	25	3	66.7	33.3	.0	33.3	66.7	.0	.0	100.0	100.0	.0	.0	33.3	66.7	33.3	.0	33.3
Salespersons, Commodities	26-28	37	29.7	70.3	13.5	56.8	29.7	5.4	83.8	10.8	75.7	24.3	24.3	40.5	5.4	18.9	5.4	18.9
Merchandising, except Sales	29	54	33.3	66.7	44.4	51.9	3.7	7.4	81.5	11.1	83.3	16.7	13.0	40.7	3.7	14.8	3.7	5.6

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATION	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
SERVICE	3	688	14.1	85.9	30.4	50.1	19.5	32.1	64.4	3.5	32.0	68.0	60.0	83.0	2.5	59.3	2.3	10.3
Domestic	30	167	1.8	98.2	28.7	38.9	32.3	48.5	50.9	.6	14.4	85.6	83.8	95.2	1.2	80.2	1.8	7.8
Other Service	31-38	521	18.0	82.0	30.9	53.7	15.4	26.9	68.7	4.4	37.6	62.4	52.4	79.1	2.9	52.6	2.5	11.1
Food Preparation & Service	31	215	7.4	92.6	32.1	53.5	14.4	26.0	70.7	3.3	46.5	53.5	50.2	78.1	.5	48.4	1.4	15.3
Lodging & kindred	32	31	9.7	90.3	25.8	58.1	16.1	38.7	61.3	.0	38.7	61.3	54.8	90.3	3.2	64.5	.0	6.5
Barbering & kindred	33	13	15.4	84.6	15.4	76.9	7.7	.0	100.0	.0	53.8	46.2	38.5	61.5	.0	23.1	.0	.0
Amusement & kindred	34	3	.0	100.0	33.3	66.7	.0	.0	100.0	.0	33.3	66.7	66.7	33.3	.0	.0	.0	.0
Mis. Personal Ser.	35	91	6.6	93.4	28.6	59.3	12.1	16.5	75.8	7.7	27.5	72.5	67.0	85.7	1.1	62.6	3.3	6.6
Apparel & Furnish.	36	14	14.3	85.7	7.1	78.6	14.3	28.6	64.3	7.1	35.7	64.3	57.1	78.6	.0	64.3	.0	7.1
Protective Service	37	72	23.6	76.4	30.6	52.8	16.7	41.7	50.0	8.3	33.3	66.7	62.5	83.3	12.5	69.4	6.9	5.6
Building & kindred	38	82	58.5	41.5	39.0	39.0	22.0	28.0	69.5	2.4	26.8	73.2	32.9	70.7	3.7	37.8	2.4	14.6
FARMING, FISHERY, FORESTRY	4	209	41.6	58.4	30.1	40.2	29.7	56.0	43.1	.9	23.4	76.6	53.1	83.3	5.7	58.4	.9	5.7
Plant Farming	40	33	78.8	21.2	36.4	42.4	21.2	45.5	54.5	.0	24.2	75.8	21.2	78.8	9.1	18.2	3.0	27.3
Animal Farming	41	8	25.0	75.0	62.5	12.5	25.0	75.0	25.0	.0	12.5	87.5	62.5	87.5	.0	62.5	.0	.0
Misc. Farming	42	163	33.7	66.3	25.8	42.3	31.9	57.1	42.3	.6	23.3	76.7	60.7	84.7	5.5	66.9	1.8	12.9
Fishery & kindred	44	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Forestry	45	5	80.0	20.0	80.0	.0	20.0	60.0	20.0	20.0	40.0	60.0	.0	60.0	.0	40.0	.0	20.0
Agricultural Service	46	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PROCESSING	5	108	31.5	68.5	17.6	70.4	12.0	25.0	72.2	2.8	50.9	49.1	35.2	61.1	4.6	32.4	.9	13.0
Metal	50	19	63.2	36.8	36.8	63.2	0	26.3	73.7	.0	57.9	42.1	15.8	57.9	.0	26.3	.0	5.3
Refining & Foundry	51	8	100.0	.0	.0	75.0	25.0	50.0	50.0	.0	62.5	37.5	.0	37.5	12.5	.0	.0	50.0
Food & kindred	52	18	16.7	83.3	16.7	66.7	16.7	44.4	55.6	.0	22.2	77.8	66.7	77.8	.0	50.0	.0	22.2
Paper & Kindred	53	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Petroleum & kindred	54	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Chemicals, Plastics & kindred	55	54	16.7	83.3	14.8	72.2	13.0	16.7	79.6	3.7	55.6	44.4	37.0	55.6	7.4	25.9	1.9	7.4
Wood & Wood Products	56	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Stone, Clay & kindred	57	2	50.0	50.0	.0	50.0	50.0	50.0	50.0	.0	.0	100.0	50.0	100.0	.0	100.0	.0	.0
Leather, Textiles & kindred	58	2	.0	100.0	.0	100.0	.0	.0	100.0	.0	100.0	.0	.0	100.0	.0	100.0	.0	.0
Processing, N.E.C.	59	5	20.0	80.0	20.0	80.0	.0	.0	80.0	20.0	60.0	40.0	40.0	80.0	.0	60.0	.0	20.0
MACHINE TRADES	6	646	42.3	57.7	25.2	65.6	9.1	24.6	70.9	4.5	60.8	39.2	25.1	58.2	6.8	33.6	1.7	11.6
Metal Machining	60	239	42.7	57.3	26.4	64.0	9.6	22.2	72.8	5.0	68.6	31.4	18.0	49.4	7.5	21.8	1.7	13.0
Metalwork, N.E.C.	61	211	35.1	64.9	23.2	70.1	6.6	22.7	71.1	6.2	58.3	41.7	29.4	61.6	3.8	36.5	.5	10.0
Machine Repairmen	62-63	58	96.6	3.4	17.2	72.4	10.4	19.0	75.9	5.2	75.9	24.1	.0	39.7	25.9	6.9	.0	24.1
Paperworking	64	3	100.0	.0	33.3	66.7	.0	33.3	66.7	.0	33.3	66.7	.0	.0	.0	.0	.0	33.3
Printing	65	2	.0	100.0	.0	100.0	.0	.0	100.0	.0	50.0	50.0	50.0	.0	.0	.0	.0	.0
Wood Machining	66	14	64.3	35.7	7.1	64.3	28.6	28.6	64.3	7.1	21.4	78.6	35.7	42.9	7.1	28.6	7.1	.0
Machining Stone, Glass & kindred	67	1	100.0	.0	.0	100.0	.0	.0	100.0	.0	.0	100.0	.0	100.0	.0	.0	.0	.0
Textile	68	4	25.0	75.0	25.0	75.0	.0	25.0	75.0	.0	75.0	25.0	25.0	25.0	.0	25.0	.0	.0
Machine, Trades, N.E.C.	69	114	23.7	76.3	33.3	56.1	10.5	36.0	64.0	.0	47.4	52.6	43.9	85.1	1.8	69.3	4.4	7.0

TABLE X

ESAR APPLICANT CHARACTERISTICS AND OCCUPATIONS

(By Percent)

OCCUPATIONS	DOT CODE	TOTAL NUMBER	SEX		AGE			EDUCATION			RACE*			DISADV.	VETS	WELFARE	HANDICAP	FOOD-STAMP
			Male	Female	-22	22-45	+45	00-08	09-12	13-16	W	NW	NWF					
BENCH WORK (Fabrication, Assembly, & Repair)	7	236	14.0	86.0	28.4	60.2	11.4	19.1	76.3	4.7	58.9	41.1	33.9	64.0	3.4	32.6	2.5	8.5
Metal Products, N.E.C.	70	23	43.5	56.5	52.2	43.5	4.3	13.0	78.3	8.7	52.2	47.8	21.7	60.9	8.7	26.1	.0	4.3
Scientific & Medical Good & Kindred	71	5	.0	100.0	.0	60.0	40.0	60.0	40.0	.0	20.0	80.0	80.0	80.0	.0	60.0	20.0	.0
Electrical Equipment	72	76	5.3	94.7	26.3	64.5	9.2	15.8	82.9	1.3	56.6	43.4	39.5	64.5	2.6	40.8	.0	6.6
Products from Assorted Materials	73	3	.0	100.0	.0	100.0	.0	.0	100.0	.0	33.3	66.7	66.7	66.7	.0	66.7	.0	.0
Painting & kindred	74	19	52.6	47.4	36.8	52.6	10.5	15.8	78.9	5.3	63.2	36.8	21.1	57.9	10.5	21.1	5.3	21.1
Plastics, Rubber & kindred	75	9	44.4	55.6	22.2	66.7	11.1	.0	88.9	11.1	66.7	33.3	11.1	66.7	11.1	33.3	.0	11.1
Wood Products	76	6	.0	100.0	.0	66.7	33.3	33.3	66.7	.0	33.3	66.7	66.7	100.0	.0	50.0	.0	.0
Sand, Stone & kindred Products	77	1	.0	100.0	.0	100.0	.0	.0	.0	100.0	100.0	.0	.0	100.0	.0	100.0	.0	100.0
Textile, Leather & kindred Products	78	90	3.3	96.7	27.8	58.9	13.3	24.4	70.0	5.6	66.7	33.3	31.1	61.1	1.1	25.6	3.3	7.8
Benchwork, N.E.C.	79	4	50.0	50.0	25.0	75.0	.0	.0	100.0	.0	25.0	75.0	50.0	75.0	.0	25.0	25.0	25.0
STRUCTURAL WORK	8	260	91.9	8.1	28.5	60.0	11.5	21.5	73.1	5.4	67.3	32.7	3.5	45.4	15.0	7.3	1.2	25.8
Metal Fabricating, N.E.C.	80	23	65.2	34.8	13.0	60.9	26.1	26.1	69.6	4.3	65.2	34.8	13.0	26.1	4.3	8.7	.0	26.1
Welders & kindred	81	39	87.2	12.8	28.2	66.7	5.1	10.3	82.1	7.7	66.7	33.3	2.6	33.3	20.5	2.6	.0	20.5
Electrical	82	24	91.7	8.3	20.8	66.7	12.5	4.2	87.5	8.3	79.2	20.8	4.2	33.3	33.3	8.3	.0	.0
Painting, Plastering & kindred	84	13	92.3	7.7	7.7	76.9	15.4	30.8	69.2	.0	69.2	30.8	7.7	30.8	.0	.0	.0	46.2
Excavating & kindred	85	11	100.0	.0	9.1	72.7	18.2	27.3	72.7	.0	81.8	18.2	.0	63.6	9.1	9.1	9.1	36.4
Construction	86	137	97.1	2.9	34.3	55.5	10.2	27.0	69.3	3.6	65.0	35.0	1.5	53.3	14.6	8.0	.7	29.9
Structural, N.E.C.	89	13	92.3	7.7	46.2	46.2	7.7	7.7	69.2	23.1	61.5	38.5	7.7	53.8	7.7	15.4	7.7	15.4
MISCELLANEOUS	9	368	60.3	39.7	29.6	59.2	11.1	25.5	70.4	4.1	46.5	53.5	27.2	66.0	13.6	28.0	1.6	16.3
Motor Freight, Transportation	90-91	99	90.9	9.1	16.2	68.7	15.1	23.2	73.7	3.0	67.7	32.3	5.1	52.5	30.3	6.1	1.0	17.2
Packaging & Material Handling	92	253	46.6	53.4	32.8	58.5	8.7	26.5	70.4	3.2	37.9	62.1	37.5	73.1	5.5	38.3	1.2	16.2
Other Misc.	93-97	8	87.5	12.5	62.5	12.5	25.0	25.0	50.0	25.0	50.0	50.0	.0	37.5	37.5	.0	12.5	12.5
Extraction of Minerals	93	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Production & Distribution of Utilities	95	4	100.0	.0	50.0	.0	50.0	25.0	50.0	25.0	50.0	50.0	.0	50.0	75.0	.0	25.0	25.0
Amusement & kindred, N.E.C.	96	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Graphic Art Work	97	4	75.0	25.0	75.0	25.0	.0	25.0	50.0	25.0	50.0	50.0	.0	25.0	.0	.0	.0	.0
PARTIALS & INVALID CODES	99	1,081	45.4	54.6	39.6	42.1	18.3	35.4	59.6	4.8	40.1	59.9	34.3	58.4	.4	30.2	1.2	29.2

* W - White NW - Nonwhite NWF - Nonwhite Female

B. Universe of need

The total universe of need in the Memphis-Delta Development District for manpower services during fiscal year 1982 is projected to be 20,714. Of this total, 5,770 individuals will be classified as poor and 14,944 as nonpoor. However, among the nonpoor, 4,798 people will be considered to be near poverty; almost as many persons as those classified as poor. The number of individuals unemployed at some time during fiscal year 1982 is projected to be 11,490. Unemployed Vietnam era veterans should number approximately 120.

TABLE XI

MEMPHIS-DELTA

UNIVERSE OF NEED FOR MANPOWER SERVICES

	Planning Assumptions for FY 1982
1. Total Universe of Need for Manpower Services (Number of different individuals in year)	20,714
a. Poor	5,770
(1) Disadvantaged	5,660
(2) Other Poor	110
b. Nonpoor	14,944
(1) Near Poverty	4,798
(2) All other Nonpoor	10,146
2. Unemployed and Underutilized Disadvantaged, Total	5,660
a. Unemployed	574
b. Underutilized	5,086
(1) Employed part-time for economic reasons	441
(2) Employed full-time but with family income at or below poverty level	1,966
(3) Not in labor force but should be	2,679
3. Total Number of Different Individuals Unemployed in year	11,490
4. Vietnam Veterans-unemployed	120
5. Total veterans (needing manpower services)	4,045
6. School Dropouts during '79 school year	350
7. Welfare recipients (families)	1,847
8. Female Heads of Households	3,497
a. Disadvantaged - Female heads of Households	2,069

VI. ECONOMICALLY DISADVANTAGED

A. Barriers to Employment

From an objective view, the following are listed as barriers to employment:

1. Discrimination (Race and Sex)
2. Lack of Skills
3. Incumbent Insecurity
4. Lack of Transportation
5. Lack of Child Care
6. Transfer payments (Welfare, Unemployment Insurance, etc.)
7. Deficit Demand
8. Lack of Desire to Work
9. Inability to Work (e.g., permanently disabled)

While the above list is by no means comprehensive, it does include the most common barriers. Interviewing disantvantaged individuals would provide a list almost equal to the number of respondents; however, upon close examination most would fall into one of the above categories.

B. Characteristics

The variance in total disadvantaged between Table X and Table XI reflects the use of two unique methodologies.

The total number of economically disadvantaged in the Memphis Delta Development District is expected to be 46,304 in fiscal year 1982. The total will be composed of 60.7 percent, or 28,068 minority and 4.5 percent, or 2,069 female heads of household. Fayette and Tipton Counties are projected to have a higher percentage of minority disadvantaged than the total area. Fayette and Lauderdale Counties are projected to have a higher percentage disadvantaged female heads of household than the total district.

TABLE XII

ECONOMICALLY DISADVANTAGED

Area	1982 Population Projections	1970 Census Population	1970 Census Percent Disadvantaged	1982 Disadvantaged Projections	1982 Minority Disadvantaged Projections	1982 Minority as Percent of Disadvantaged
Dyer	34,026	30,427	26.3	8,949	2,398	26.8
Fayette	27,323	22,692	50.6	13,825	11,765	85.1
Lauderdale	24,944	20,271	47.7	11,898	6,734	56.6
Tipton	33,815	28,001	34.4	11,632	7,189	61.8
Memphis Delta	120,108	101,391	38.6	46,304	28,086	60.7

Source: 1970 Census

TABLE XIII

FEMALE HEADS OF HOUSEHOLDS
AND
ECONOMICALLY DISADVANTAGED FEMALE HEADS OF HOUSEHOLDS

Area	1982 Projected Population	Female Heads of Households	Percent of Population	Economically Disadvantaged Female Heads of Households	Percent of Population	Econ. Disad. F.H.H. as % of all F.H.H.
Dyer	34,026	1,055	3.1	510	1.5	48.3
Fayette	27,323	765	2.8	519	1.9	67.8
Lauderdale	24,944	798	3.2	499	2.0	62.5
Tipton	33,815	879	2.6	541	1.6	61.5
Memphis Delta	120,108	3,497	2.9	2,069	1.7	59.2

Source: 1970 Census

VII. APPENDIX

A. References:

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Survey of High School Graduates, Tennessee Department of Employment Security, Research and Statistics Section.

U. S. Department of Labor, Manpower Administration, Berkeley Laboratory Printout. Regional Manpower Administration, San Francisco. 1981.

B. Memphis-Delta Employment and Training Offices and Employability Development Centers

Dyersburg (Dyer County) 901/285-4891
439 McGaughey St., P. O. Box 434
Dyersburg (38024)

Somerville (Fayette County) 901/465-9833
Highway 64 W., P. O. Box 441
Somerville (38068)

Lauderdale County EDC 901/635-3479
120 Jefferson St., P. O. Box 510
Ripley (38063)

Covington (Tipton County) 901/476-2601
724 E. Lucky Plaza
P. O. Box 633
Covington (38019)

C. Unemployment Insurance Offices

Covington (Tipton County) 901/476-2601
724 Lucky Plaza, P. O. Box 239
Covington (38019)
9:30 - 2:30 Tuesday

Somerville (Fayette County)
Courthouse
9:30 - 12:30 Thursday

Dyersburg (Dyer County) 901/286-0410
439 McGaughey St., P. O. Box 565
Dyersburg (38024)

Ripley (Lauderdale County)
Courthouse
9:30 - 12:00 Wednesday